625.05
PO
v. 32:2
(no. 126)

AN STEEL FOUNDRIES
SEE PAGE 398

TIMKEN
See Page 644
TAPERED ROLLER BEARINGS

Vol. 32, No. 2, Serial No. 126.

DILWORTH, PORTER & CO., INC.
TIE PLATES See Page 500 PITTSBURGH.

The Pocket List of Railroad Officials

NUMBER 126

SECOND QUARTER
1926

PUBLISHED QUARTERLY
(January, April July and October) By
THE
RAILWAY EQUIPMENT
AND
PUBLICATION COMPANY
424 W. 33rd St., 11th Floor
NEW YORK

WALWORTH COMPANY
Oldest continuous manufacturers in the United States (since 1842) of a complete line of valves, fittings and tools for steam, water, gas and air.
SEE PAGE 388

SUBSCRIPTION PRICE, (Postage Prepaid.)
UNITED STATES - - - - - - - - - $5.00 Per Annum
FOREIGN - - - - - - - - - - - $5.50 Per Annum
SINGLE COPIES, $2.00

Entered as Second Class Matter February 12, 1895, at the Post Office, at New York, N. Y., under the act of March 3, 1879.

THE RAILROAD SUPPLY CO.
TIE PLATES--PAGE 24

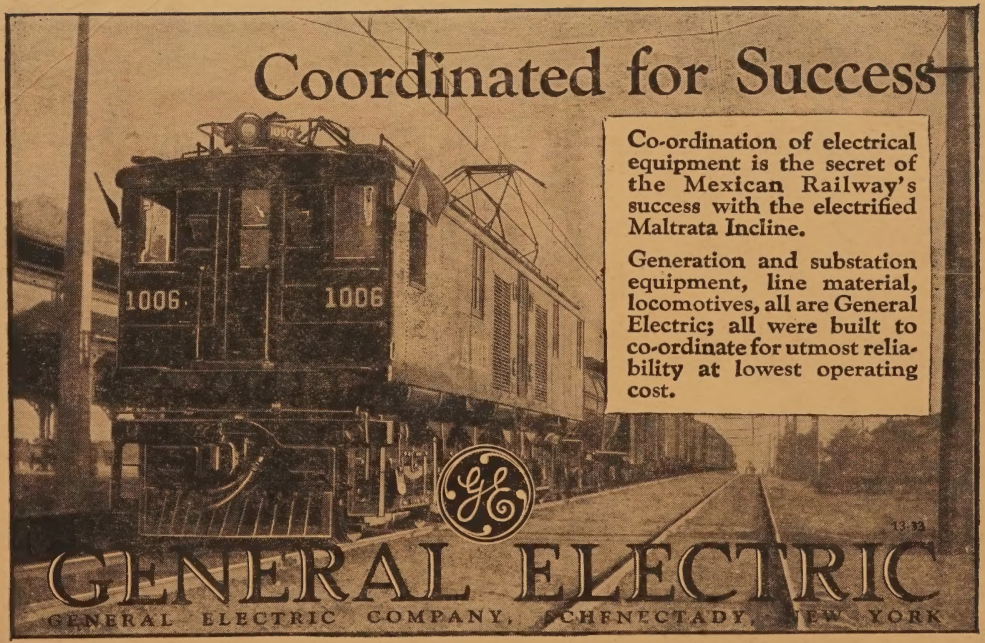

Coordinated for Success
Co-ordination of electrical equipment is the secret of the Mexican Railway's success with the electrified Maltrata Incline.
Generation and substation equipment, line material, locomotives, all are General Electric; all were built to co-ordinate for utmost reliability at lowest operating cost.
1006
1006
13-33
GENERAL ELECTRIC
GENERAL ELECTRIC COMPANY, SCHENECTADY, NEW YORK

TABLE OF CONTENTS.

	PAGES.
ALPHABETICAL INDEX TO ADVERTISEMENTS	5 to 27
ALPHABETICAL LIST OF OFFICIALS	820 to 955
AMERICAN RAILWAY ASSOCIATION, 1850	801 to 804
AMERICAN SHORT LINE RAILROAD ASSOCIATION, 1851	805 to 807
ASSOCIATIONS OF RAILROAD OFFICERS, 1851d to 1950	808 to 819
CLASSIFIED INDEX TO ADVERTISEMENTS	57 to 181
EXPRESS AND TELEGRAPH COMPANIES, 1700 to 1799	787 to 789
INTERSTATE COMMERCE COMMISSION, 1800a	791
PRIVATE CAR COMPANIES, 1200 to 1699c	751 to 785
RAILROADS, ARRANGED ALPHABETICALLY, 1 to 1082a	259 to 749
REPRESENTATIVES OF RAILROAD SUPPLY COMPANIES	183 to 257
STATE RAILROAD COMMISSIONS, 1801 to 1849g	793 to 799
UNITED STATES RAILROAD ADMINISTRATION, 1800	791
UNITED STATES RAILROAD LABOR BOARD, 1800b	791

REMOVED TO PAGE

OKONITE

Insulated Wires and Cables

Okonite Wires, Okonite Tape, Manson Tape, Dundee "A & B" Tapes, also Varnished Cambric

The Okonite Company

The Okonite-Callender Cable Company, Inc.

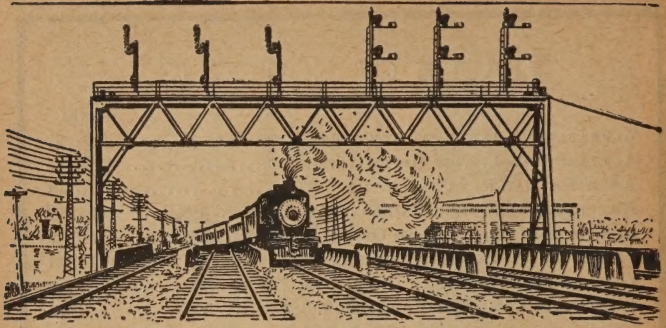
Factories: **Passaic, N. J., Paterson, N. J.**

Sales Offices: **New York Chicago Pittsburgh St. Louis Atlanta Birmingham San Francisco Los Angeles Seattle**

Pettingell-Andrews Co., Boston, Mass.
Novelty Electric Co., Philadelphia, Pa.
F. D. Lawrence Electric Co., Cincinnati, O.
Can. Rep.: Engineering Materials, Ltd., Montreal.
Cuban Rep.: Victor G. Mendoza Co,, Havana.

OKONITE

OKONITE-CALLENDER



DESIGNERS, Manufacturers and Erectors of Railway Signaling Systems and Appliances for a quarter of a century. Among our products are:

Automatic Block Signal Systems
Manually Operated Block Signal Systems
Electric Interlocking
Electric Control and Car Retarder Systems for Hump Classification Yards
Mechanical Interlocking
Switch Machines and Table Interlockers for the operation and remote control of switches.
Flashing-light Highway Crossing Signals
Automatic Train Control Systems

Also Producers of small and medium size Drop Forgings of Iron, Steel, Tobin and Naval Bronze; small and medium size Gray Iron, Brass Alloy and Aluminum Castings.

GENERAL RAILWAY SIGNAL COMPANY

Rochester, N. Y., U. S. A.

New York Chicago St. Louis San Francisco Montreal Melbourne

Vol. 32. No. 2. Serial No. 126.
Second Quarter, 1926.

THE POCKET LIST

OF

RAILROAD OFFICIALS

CONTAINING
THE NAMES OF OFFICIALS
IN CHARGE OF

RAILROADS, TELEGRAPH and EXPRESS COMPANIES

ON

The North American Continent. Also showing the Gauge of each Road, Number of Miles Operated and Rolling Stock in Service of Each Company.

ALSO

LIST OF PRIVATE CAR COMPANIES.

PUBLISHED QUARTERLY
Distributed approximately the last week in the months of
JANUARY, APRIL, JULY AND OCTOBER.
BY
THE RAILWAY EQUIPMENT & PUBLICATION CO.
G. P. CONARD, President.
J. ALEXANDER BROWN, Vice-President and Manager.
N. R. MEADE, Assistant Manager.
JOHN S. ALLEN, Secretary and Treasurer.
424 West 33rd Street, 11th Floor, New York.

HAROLD A. BROWN, Eastern Representative, 424 West 33rd Street, 11th floor, New York.

B. J. WILSON - - Western Representative, 1428 Lytton Building, Chicago.

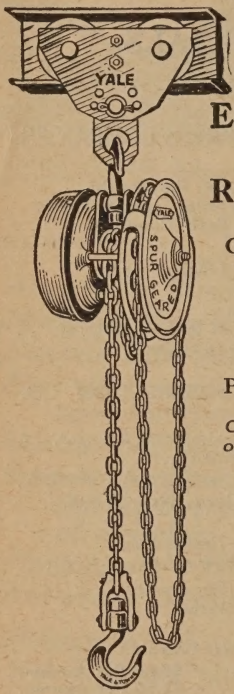
SUBSCRIPTION PRICE, (Postage Prepaid.)

UNITED STATES - - - - -	**$5.00 Per Annum.**
FOREIGN - - - - - -	**$5.50 Per Annum.**

To Railroad Officials in United States, $2.50 Per Annum; Foreign, $2.75 Per Annum.
To Advertisers in United States, - $2.50 Per Annum; Foreign, $2.75 Per Annum.
Single Copies $2.00

Copyright, 1926, by THE RAILWAY EQUIPMENT AND PUBLICATION CO.
Entered as Second Class Matter February 12, 1895, at the Post Office, at New York, N.Y., under the act of March 3, 1879.

TRADE **YALE** MARK



EQUIPMENT *for the* RAILROAD

Chain Blocks Electric Hoists

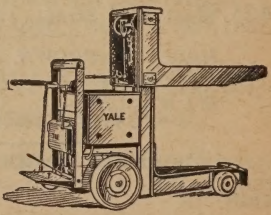
I-Beam Trolleys

Storage Battery Trucks

Tractors and Trailers

Padlocks Door Closers

Catalogues and booklets on the various items of Yale Equipment will be sent on request.



The Yale & Towne Manufacturing Co.

Stamford, Conn., U. S. A.

YALE MARKED IS YALE MADE

ALPHABETICAL INDEX TO ADVERTISEMENTS.

A

320—Acme Machinery Co., The, Cleveland, O.
588—Acme White Lead & Color Works, Detroit, Mich.
416—Adams & Co., J. J., Boston, Mass.
330—Adams & Westlake Co., Chicago, Ill.
22—Air Reduction Sales Company, New York, N. Y.
570—Ajax Manufacturing Co., The, Cleveland, O.
60—Ajax Metal Co., Philadelphia, Pa.
760—Aldon Co., The, Chicago, Ill.
122—Alexander Car Replacer Mfg. Co., Scranton, Pa.
440—Allan & Son, A., Harrison, N. J.
110—Alumino-Thermic Corporation, Roselle Park, N. J.
802—American Abrasive Metals Co., New York, N. Y.
304—American Arch Co., Inc., New York, N. Y.
522—American Brake Shoe & Fdy. Co., New York, N. Y.
66—American Bridge Co., New York, N. Y.
648—American Cable Co., New York, N. Y.
620—American Car & Foundry Co., New York, N. Y.
350—American Chain Co., Inc., Bridgeport, Conn.
102—American Frog & Switch Co., The, Hamilton, O.
466—American Hoist & Derrick Co. St. Paul, Minn.
638—American Insulated Wire & Cable Co., Chicago, Ill.
464—American Locomotive Co., New York, N. Y.
270—American Manganese Steel Co., Chicago Heights, Ill.
704—American Mason Safety Tread Co., Lowell, Mass.
130—American Nut & Bolt Fastener Co., The, Pittsburgh, Pa.
676—American Railway Appliances Co., New York, N. Y.
150—American Railway Supply Co., New York, N. Y.
282—American Roll Gold Leaf Co., Providence, R. I.
788—American Spiral Spring & Mfg. Co., Pittsburgh, Pa.
264—American Steel & Wire Co., Chicago, Ill.
398—American Steel Foundries, Chicago and New York, N. Y.
392—American Trackbarrow, Lowell, Mass.
392 & 456—American Valve & Meter Co., Cincinnati, O.
774—American Water Softener Co., Philadelphia, Pa.
412—American Well Works, The, Aurora, Ill.
278—Ames & Sons Corp., Oliver, North Easton, Mass.
278—Ames Shovel & Tool Co., Boston, Mass.
58—Anchor Co., Milwaukee, Wis.
490—Anchor Packing Co., Philadelphia, Pa.
332—Anglo-American Varnish Co., The, Newark, N. J.
764—Aquart Manufacturing Co., The, St. Louis, Mo.
486—Arco Company, The, Cleveland, O.
478—Armstrong Bros. Tool Co., Chicago, Ill.
544—Asbestos Shingle, Slate & Sheathing Co., Ambler, Pa.
782—Ashton Valve Co., The, Boston, Mass.
492—Atkins & Co., Inc., E. C., Indianapolis, Ind.

TRIBLOC CHAIN HOISTS

For "throttled" departments

When large railroads and industrial plants choose Tribloc Chain Hoists for their shops, it is a choice based on confidence in the ultimate economy of these hoists—established by proved records of performance.

Let us tell you how you can make these sturdy load lifters assist in "unthrottling" clogged departments by speeding the movement of work from "floor to floor."

Send for Catalog 7-B

FORD CHAIN BLOCK CO.
2nd and Diamond Sts.
Philadelphia, Pa.

B

126—Badeker Manufacturing Co., Chicago, Ill.
304—Baker-Raulang Co., The, Cleveland, O.
558—Baldwin Locomotive Works, Philadelphia, Pa.
556—Balkwill Manganese Crossing Co., Cleveland, O.
490—Ball Chemical Co., The, Pittsburgh, Pa.
450—Barber Asphalt Co., The, Philadelphia, Pa.
98—Barco Manufacturing Co Chicago, Ill.
360—Barrett Co., The, New York, N. Y.
772—Bassick Manufacturing Co., Chicago, Ill.
60—Beaudry Co., Inc., Everett, Mass.
550—Benjamin Electric Mfg. Co., Chicago, Ill.
374—Berry Bros., Detroit, Mich.
78—Besly & Co., Charles H., Chicago, Ill.
776—Best Corp., W. N., New York, N. Y.
368 & 626—Bethlehem Steel Co., Bethlehem, Pa.
Cover—Bettendorf Co., Bettendorf, Ia.
764—Binks Spray Equipment Co., Chicago, Ill.
112—Bird-Archer Co., The, New York, N. Y., and Chicago, Ill.
430—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
138—Blackall, Robert H., Pittsburgh, Pa.
794—Blaw-Knox Co., Pittsburgh, Pa.
182—Boss Bolt & Nut Works Division of Hoopes & Townsend Corp. Chicago, Ill.
288—Bostwick-Lyon Bronze Co. (*See Chicago Bearing Metal Co.*)
454—Bowser & Co., Inc., S. F., Ft. Wayne, Ind.
680—Bradford Corporation, The, New York, N. Y., and Chicago, Ill.
414—Bradley Car Co., Osgood, Worcester, Mass.
686—Bradley Washfountain Co., Milwaukee, Wis.
106—Brewster, Inc., Morris B., Chicago, Ill.
286—Brill Company, J. G., Philadelphia, Pa.
770—Bronze Metal Co., New York, N. Y.
696—Brooks & Co., Clarence, Newark, N. J.
448—Brown Hoisting Machinery Co., Inc., The, Cleveland, O.
756—Browning Crane Co., The, Cleveland, O.
580—Brubaker & Bros. Co., W. L., Millersburg, Pa. and New York, N. Y.
282—Bryant Electric Co., Bridgeport, Conn.
428—Buckeye Jack Mfg. Co., The, Alliance, O.
164—Buckeye Steel Castings Company, The, Columbus, O.
418—Buda Company, Harvey, Ill.
778—Buffalo Brake Beam Co., New York, N. Y., and Buffalo, N. Y.
796—Buffalo Steel Car Co., Inc., Buffalo, N.Y
768—Burden Iron Co., R. R. & S. S. Div., New York, N. Y.

C

112—Cabot, Samuel, Inc., Boston, Mass.
290—Camel Co., Chicago, Ill.
786—Cameron-Spouse Mfg. Co., Detroit, Mich.
18—Carbo-Oxygen Co., Pittsburgh, Pa.
458—Carborundum Co., The, Niagara Falls, N. Y.

The Quality Sign Since Ninety-Nine

Talmage System
Ash Pan Cleaner

Talmage Ratchet
Hand Brake

Talmage System
Steam Chest and Cylinder Lubricating
Drifting Valves

Talmage
Blow-Off Valve

Cleveland
Low Water Alarm

The Talmage Manufacturing Co.
Cleveland
Ohio

C—*Continued.*

518—Cardwell Mfg. Co., Chicago, Ill.
280—Carnegie Steel Co., Pittsburgh, Pa.
610—Castle, James M., Inc., Philadelphia, Pa.
602—Celotex Co.,The, Chicago, Ill.
134—Central Iron & Steel Co., Harrisburg, Pa.
784—Chalmers Chemical Co., Newark, N. J.
162—Chambersburg Engineering Co., Chambersburg, Pa.
74—Chase & Co., L. C., Boston, Mass.
90—Chaton Fibre Co., Boston, Mass.
10—Cheesman-Elliot Co., Inc., Brooklyn, N. Y.
288—Chicago Bearing Metal Co., Chicago, Ill., and Waynesboro, Pa.
372—Chicago Bridge & Iron Works, Chicago, Ill.
784—Chicago-Cleveland Car Roofing Co., Chicago, Ill.
96—Chicago Flag & Decorating Co., Chicago, Ill.
128—Chicago Malleable Castings Co., Chicago, Ill.
16—Chicago Pneumatic Tool Co., New York, N. Y.
624—Chicago Railway Equipment Co., Chicago, Ill.
86—Chicago Railway Signal & Supply Co., Chicago, Ill.
284—Chipman Chemical Engineering Co., Inc., Bound Brook, N. J.
672—Clark Car Co., Pittsburgh, Pa.
584—Clark Equipment Co., Buchanan, Mich.
622—Clark Manufacturing Co., The, Philadelphia, Pa.
490—Cleanola Co., The, Pittsburgh, Pa.
776—Clement "Coverall" Co., Camden, N. J.
300—Cleveland Crane & Engineering Co., Wickliffe, O.
448—Cleveland Frog & Crossing Co., The, Cleveland, O.
142—Cleveland Pneumatic Tool Co., The, Cleveland, O.
594—Cleveland Punch & Shear Works Co., Cleveland, O
776—Cleveland Railway Supply Co., The, Cleveland, O.
346—Columbia Nut & Bolt Co., Inc., Bridgeport, Conn.
462—Commercial Steel Casting Co., Marion, O.
162—Commonwealth Steel Co., Granite City, Ill.
756—Conard, W. R., Burlington, N. J.
762—Consolidated Car Heating Co., Albany, N. Y.
124—Consolidated Machine Tool Corp. of America, Rochester, N. Y.
432—Conveyors Corporation of America. Chicago, Ill.
86—Cook, Incorporated, A. D., Lawrenceburg, Ind.
322—Copperweld Steel Co., Rankin, Pa.
698—Cork Import Corporation, New York, N. Y.
774—Cornell Iron Works, Inc., Long Island City, N. Y.
780—Creepcheck Co., Hoboken, N. J.
436—Crescent Truck Co., Lebanon, Pa.
608—Crosby Steam Gage & Valve Co., Boston, Mass.
666—Crowe Manufacturing Corp., The, Cincinnati, O.
84—Curtain Supply Co., The, Elkhart, Ind., and Chicago, Ill.
782—Cutter Co., Philadelphia, Pa.

Mont Murray, Pres.
Wm. W. Murray, Vice-Pres.
C. S. Rush, Sec. & Treas.

Keystone Bronze Co.

Manufacturers of

Car Bearings

Engine Castings

Copper and Bronze Castings

Tuyeres, Coolers, Bosh Plates, Cooling Boxes, Etc.

5, 10 and 15% Phos. Copper

39th St. & A. V. Ry. - Pittsburgh

ESTABLISHED 1876

CHEESMAN-ELLIOT CO., Inc.

639 KENT AVENUE
BROOKLYN, N. Y.

OWNERS

NATIONAL PAINT WORKS

WILLIAMSPORT, PA.

Bridge, Station and Freight Car Paints

D

758—Damascus Brake Beam Co., Cleveland, O.
348—Damascus Bronze Co., Pittsburgh, Pa.
414—Dart Mfg. Co., E. M., Providence, R. I.
534—Davis Boring Tool Co., Inc., St. Louis, Mo.
64—Davis Brake Beam Co., Johnstown, Pa.
602—Dayton Manufacturing Co., The, Dayton, O.
178—Dearborn Chemical Co., Chicago, Ill.
752—Decatur Malleable Iron Co., Decatur, Ill.
318—DeRemer-Blatchford Co., Chicago, Ill.
538—Detroit Graphite Company, Detroit, Mich.
290—Detroit Hoist & Machine Co., Detroit, Mich.
774—Detroit Lubricator Co., Detroit, Mich.
754—Detroit Seamless Steel Tubes Co., Detroit, Mich.
434—Devoe & Raynolds Co., Inc., New York, N. Y.
298—Diamond State Fibre Co., Bridgeport, Pa.
428—Dickinson, Inc., Paul, Chicago, Ill.
70—Differential Steel Car Co., The, Findlay, O.
500 & Cover—Dilworth, Porter & Co., Inc., Pittsburgh, Pa.
146—Distance-Speed Recording Co., New York, N. Y.
26—Dixon Crucible Co., Joseph, Jersey City, N. J.
430—Draper Manufacturing Co., Port Huron, Mich.
612—Duff Manufacturing Company, The, Pittsburgh, Pa.
788—Duner Co., Chicago, Ill.
410—Dunham Co., C. A., Chicago, Ill.
794—Dunn Co., W. C., Cincinnati, O.
354—Du Pont de Nemours & Co., Inc., E. I., Parlin, N. J. & Chicago, Ill.
118—Duquesne Steel Foundry Co., Pittsburgh, Pa.
750—Du-Wel Steel Products Co., Chicago, Ill.

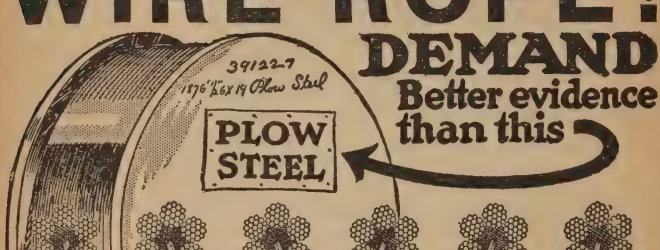
E

544—Eagle Lock Co., New York, N. Y., Terryville, Conn.
92—Economy Electric Lantern Co., Chicago, Ill.
498—Edgewater Steel Co., Pittsburgh, Pa.
604—Edison, Inc., Thomas A., Bloomfield, N. J.
540—Edison Storage Battery Co., Orange, N. J.
172—Edna Brass Mfg. Co., The, Cincinnati, O.
576—Edwards Company, The O. M., Syracuse, N. Y.
754—Electric Controller & Mfg. Co., Cleveland, O.
76—Electric Service Supplies Co., Philadelphia, Pa.
526—Electric Storage Battery Co., The, Philadelphia, Pa.
320—Elwell-Parker Electric Co., The, Cleveland, O., & New York, N. Y.
772—Eureka Brass Co., St. Louis, Mo.
800—Ewald Iron Co., Louisville, Ky.
366—Exchange Sawmills Sales Co., Kansas City, Mo.

F

524—Faessler Mfg. Co. J., Moberly, Mo.
260—Fairbanks, Morse & Co., Chicago, Ill.
674—Fairmont Railway Motors, Inc., Fairmont, Minn
796—Falls Hollow Staybolt Co., Cuyahoga Falls, O.

WIRE ROPE!



DEMAND
Better evidence than this

EVERY OPERATOR who depends upon wire rope for hazardous work and every workman who risks his life with wire rope has a right to demand a more positive evidence as to the grade and make, than the tag on the rope or a mark on the reel

You'll find this protection in
WILLIAMSPORT WIRE ROPE
Not in one grade but all grades

Every foot of WILLIAMSPORT rope made since November has a patented Telfax tape running clear through the hemp core, which plainly indicates each grade.

For years able engineers who have sensed the dangers from errors and substitution, often at the cost of human lives—have demanded the protection you now get from WILLIAMSPORT.

No concern who sells you wire rope has a right to expect you to take his word for its grade. Human life is too sacred to risk to careless mistakes, so easily made.

WILLIAMSPORT is a Quality product and for years the output of this mammoth plant has been absorbed by operators, whose requirement demanded uniformly high quality. Increased facilities now make available to all this famous rope with Telfax tape protection.

A handsome Telfax Color Chart and a booklet on Modern Wire Rope mailed on request.

WILLIAMSPORT WIRE ROPE COMPANY

Main Office and Works Williamsport, Pa. — *"accepted as the best"* — *General Sales Office: Peoples Gas Bldg.* Chicago, Illinois

F—*Continued.*

472—Ferguson-Allan Co., Inc., Batavia, N. Y., and Buffalo, N. Y.
786—Firth-Sterling Steel Co., McKeesport Pa.
566—Flannery Bolt Co., Pittsburgh, Pa.
110—Flaxlinum Insulating Co., St. Paul, Minn.
486—Fleming & Son Co., J. R., Scranton, Pa.
6—Ford Chain Block Co., Philadelphia, Pa.
338—Ford Co., The J. B., Wyandotte, Mich.
458—Forged Steel Wheel Co., Pittsburgh, Pa.
792—Fort Pitt Spring & Mfg. Co., McKees Rocks, Pittsburgh, Pa.
778—Fraim-Slaymaker Hardware Co., Inc., Lancaster, Pa.
780—Frank, M. K., Pittsburgh, Pa.
76—Franklin Railway Supply Co., Inc., New York, N.Y.
800—Frederick Iron & Steel Co., Frederick, Md.
154—French Renovating Co., Cleveland, O.
422—Frictionless Rail, Boston, Mass.
640—Frog, Switch & Mfg. Co., Carlisle, Pa.
74—Frost Railway Supply Co., The, Detroit, Mich.

G

470—Galena-Signal Oil Company, New York and Franklin, Pa.
370—Garlock Packing Co., Palmyra, N. Y.
462—Garratt-Callahan Co., Chicago, Ill.
706—General American Car Co., Chicago, Ill.
Cover—General Electric Co., Schenectady, N. Y.
2—General Railway Signal Co., Rochester, N. Y.
314—Giessel Co., Henry, Chicago, Ill.
526—Gifford-Wood Co., Hudson, N. Y.
788—Gilbert & Sons Brass Foundry Co., A., St. Louis, Mo.
118—Gill Railway Supply Co., Peoria, Ill.
352—Glidden Company, The, Cleveland, O.
610—Globe Steel Tubes Co., Milwaukee, Wis., and Chicago, Ill.
72—Globe Ventilator Co., Troy, N. Y.
442—Goddard & Goddard Co., Detroit, Mich.
420—Gold Car Heating & Lighting Co., Brooklyn, N. Y.
790—Goldie, Jr. & Co., Wm., Princess Anne, Md.
532—Gould Coupler Company, New York, N. Y.
352—Graham-White Sander Corp., Roanoke, Va.
786—Gray & Sons, Inc., Peter, East Cambridge, Mass.
268—Graybar Electric Co., Inc., New York, N. Y.
772—Greenlee Brothers & Co., Rockford, Ill.
278—Griffiths Co., George, Cheltenham, Pa.
130—Grip Nut Co., Chicago, Ill.

H

552—Hackmann Railway Supply Co., Chicago, Ill
766—Hagy Waste Works, J. Milton, Philadelphia, Pa.
506—Hale-Kilburn Company, Philadelphia, Pa
590—Hall Switch & Signal Co. (*See Union Switch & Signal Co.*)

B. A. HEGEMAN, Jr., President
HAROLD A. HEGEMAN, First Vice-President, Treasurer
F. T. SARGENT, Secretary
W. C. PETERS, Vice-Pres., Sales and Engineering

National Railway Appliance Co.

Grand Central Terminal, 452 Lexington Ave., Corner 45th St., New York
Munsey Bldg., Washington, D.C. 100 Boylston St., Boston, Mass.
HEGEMAN-CASTLE CORPORATION - Railway Exchange Bldg., Chicago

RAILWAY SUPPLIES

Garland Ventilators
Feasible Drop Brake Staffs
Flaxlinum Insulation
Ft. Pitt Spring & Mfg. Co., Springs
Economy Electric Devices Co.'s Power Saving and Inspection Meters
Cutler-Hammer Electric Heaters
Dunham Hopper Door Device
Genesco Paint Oils
Tool Steel Gears and Pinions
B. G. Spark Plugs
Anglo-American Varnish Co., Varnishes, Enamels, etc.
The Aluminum Field Coils
Truck and Car Repair Parts
National Hand Holds
Anderson Slack Adjusters

Yellow Coach Mfg. Co.'s Busses
Bell Locked Fare Box and Change-Maker
Walter Tractor Snow-Plow

H—*Continued.*

494—Hammett, H. G., Troy, N. Y.
766—Hanlon Locomotive Sander Co., The, Winchester, Mass.
582—Hanna Stoker Co., Madisonville, Cincinnati, O.
588—Hastings Signal & Equipment Co., Boston, Mass.
364—Hayes Track Appliance Co., Richmond, Ind.
596—Headley Good Roads Co., Philadelphia, Pa.
768—Henderer's Sons, A. L., Wilmington, Del.
332—Hendrick Manufacturing Company, Carbondale, Pa
504—Heywood-Wakefield Co., Wakefield, Mass.
568—Hoofer Mfg. Co., Chicago, Ill.
182—Hoopes & Townsend Corp. (*See Boss Bolt & Nut Works Div.*)
656—Hubbard & Co., Pittsburgh, Pa.
688—Hubbard Steel Foundry Co., East Chicago, Ind.
508—Hunt Co., Robt. W., Chicago, Ill.
484—Hunt-Spiller Manfg. Corporation, South Boston, Mass
384—Huron Manufacturing Co., Detroit, Mich.
662—Hutchins Car Roofing Co., Detroit, Mich.
132—Hyman Michaels Co., Chicago, Ill.

I

552—Idol Track Liner Co. (*See Hackmann Ry. Supply Co.*)
96—Illinois Car & Manufacturing Co., Hammond, Ind.
378—Illinois Steel Co., Chicago, Ill.
756—Imperial Car Cleaner Co., Newark, N. J. (*See Wilson-Imperial Co.*)
140—Independent Pneumatic Tool Co., Chicago, Ill.
308—Indianapolis Switch & Frog Co., The, Springfield, O.
564—Industrial Works, Bay City, Mich.
56—Ingersoll-Rand Co., New York, N. Y.
694—Inland Steel Co., Chicago, Ill.
386—International Correspondence Schools, Scranton, Pa.
358—Inter-State Car & Foundry Co., Indianapolis, Ind.
480—Iron City Tool Works, Pittsburgh, Pa.

J

664—Jefferson Union Co., Lexington, Mass.
750—Jemco Products Co., Chicago, Ill.
700—Jenkins Bros., New York, N. Y.
538—Jerguson Gage & Valve Co., Somerville, Mass.
316—Johns-Manville, Inc., New York, N. Y.
794—Johnson & Co., Inc., J. R., Richmond, Va.
580—Johnson Wrecking Frog Co., The, Cleveland O.
98—Jones Car Door Co., Chicago, Ill.
114—Jordan Co., O. F., East Chicago, Ind.
114—Joyce-Cridland Co., The, Dayton, O.

CHICAGO CP PNEUMATIC

Depend upon that Name for

Angle Gears—Portable Drill
Automatic Oilers—Pneumatic Tool
Chisel Blanks—Pneumatic Tool
Compressors—Air, Portable and Stationery (oil, gas, gasoline, steam, electric motor and belted types.)
Compressors—Gas
Drift-Bolt Drivers
Drills—Air, Wood-Boring
Drills—Air, Coal
Drills—Close Quarters, Air
Drills—Electric, Track
Drills—Electric, Hammer
Drills—Portable, Electric, Direct Current
Drills—Portable, Electric, Universal Current
Drills—Portable, Electric, Alternating Current
Drills—Air, Portable
Drills—Rock
Engines—Gas
Engines—Semi-Deisel Oil
Engines—Steam
Flue Cutters
Flue Expanders
Grinders—Portable, Electric
Grinders—Portable, Pneumatic
Grinders—Precision, Electric
Grinders—Tool Post, Electric
Hammers—Pneumatic, Boyer
Hammers—Pneumatic, Beading
Hammers—Pneumatic, Calking
Hammers—Pneumatic, Chipping
Hammers—Pneumatic, Riveting
Hammers—Pneumatic, Scaling
Hose—Air
Hose Couplings
Hose Clamp Tools
Holder-Ons—Pneumatic
Hoists—Geared, Air
Hoists—Portable Mine, Air
Lubricants—Pneumatic Tools
Motors—Air
Pumps—Vacuum
Rammers—Pneumatic
Rivet Busters
Rivet Sets
Riveters—Jam
Riveters—Pedestal
Riveters—Staybolt
Riveters—Yoke
Shell Riveters
Stone Tools—Pneumatic
Tapping Machines—Pneumatic
Winches—Pneumatic

Bulletins descriptive of any of the foregoing will be furnished upon request. Please address nearest Branch.

Chicago Pneumatic Tool Company

Chicago Pneumatic Building - 6 East 44th Street - New York

Sales and Service Branches all over the World

K

124—K-G Welding & Cutting Co., Inc., New York, N. Y.
444—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
548—Kay & Ess Co., The, Dayton, O.
456—Keller, Inc., William H., Grand Haven, Mich.
568—Kennedy Car Liner & Bag Co., Shelbyville, Ind.
956—Kerite Insulated Wire & Cable Co., New York, N. Y.
670—Key-Bolt Appliance Co., Orchard Park, N. Y.
446—KeYoke Railway Equipment Co., Chicago, Ill.
10—Keystone Bronze Co., Pittsburgh, Pa.
102—Kilby Frog & Switch Co. (*See Weir Kilby Co.*)
148—King Pneumatic Tool Co., Chicago, Ill.
774—Kinnear Mfg. Co., The, Columbus, O.
756—Kinsey Co., Inc., The E. A., Cincinnati, O.
692—Koh-i-noor Pencil Co., New York, N. Y.

L

536—Landis Machine Co., Inc., Waynesboro, Pa.
160—Lang Broom Co., Pittsburgh, Pa.
632—Laverie & Sons, Inc., R. H., New York, N. Y.
150—Lehon Co., The, Chicago, Ill.
296—Liberty Machine Works, St. Louis, Mo.
570—Lima Locomotive Works, Inc., New York, N. Y., and Lima, O.
94—Lockhart Iron & Steel Co., Pittsburgh, Pa.
344—Locomotive Firebox Co., Chicago, Ill.
276—Locomotive Stoker Co., Pittsburgh, Pa.
702—Loeffelholz Company, Milwaukee, Wis.
356—Logan Iron & Steel Co., Philadelphia, Pa.
790—Long Jr., Co., Chas. R., Louisville, Ky.
488—Lorain Steel Co., The, Johnstown, Pa.
108—Louisville Frog & Switch Co., Inc., Louisville, Ky.
136—Lowe Bros. Co., The, Dayton, O.
58—Lucas Co., Robert M., Chicago, Ill.
764—Ludlum Steel Co., Watervliet, N. Y.
770—Lufkin Rule Co., The, Saginaw, Mich.
172—Lukens Steel Company, Coatesville, Pa., and Philadelphia, Pa.
634—Lundie Engineering Corporation, New York, N. Y.
482—Lundy Company, E. A., Pittsburgh, Pa.
132—Lupton's Sons Co., David, Philadelphia, Pa.

M

372—M. W. Supply Co., Philadelphia, Pa.
750—MacLean-Fogg Lock Nut Co., Chicago, Ill.
682—Madison-Kipp Corporation, Madison, Wis.
326—Magnus Company Incorporated, New York, N.Y.
354—Magor Car Corp., New York, N. Y.
766—Mahr Manufacturing Co., Minneapolis, Minn.
758—Maintenance Equipment Co., Chicago, Ill.
476—Manning, Maxwell & Moore, Inc., New York, N. Y., Chicago, Ill.
498—Marine Torch Co., Baltimore, Md.
760—Marion Malleable Iron Works, The, Marion, Ind.
766—Mason Regulator Co., Boston, Mass.
364—Massachusetts Mohair Plush Co., Boston, Mass.
800—Massey Concrete Products Corp., Chicago, Ill.
262—McCabe Mfg. Co., Lawrence, Mass.
654—McConway & Torley Company, Pittsburgh, Pa.
578—McMyler Interstate Co., The, Cleveland, O.
68—Mechanical Manufacturing Co., The, Chicago, Ill.
80—Mercury Mfg. Co., Chicago, Ill.
78—Metal & Thermit Corporation, New York, N. Y.
802—Micro Machine Co., Bettendorf, Ia.
768—Middletown Car Co., Middletown, Pa.

CARBO-OXYGEN
CARBO-HYDROGEN
CARBO APPARATUS
for
CUTTING AND WELDING

GENERAL OFFICES
BENEDUM-TREES BUILDING
PITTSBURGH, PA.

ECONOMY SAFETY
SERVICE

M—*Continued.*

322—Midland Company, The, So. Milwaukee, Wis.
460—Midvale Co., Philadelphia, Pa.
646—Milar, Clinch & Co., Chicago, Ill.
494—Milburn Company, The Alexander, Baltimore, Md.
784—Miller Heating Co., F. W. Chicago, Ill.
374—Miller Train Control Corp., The, Washington, D.C., Danville, Ill. and Staunton, Va.
308—Miner, Inc., W. H., Chicago, Ill.
106—Minwax Co., Inc., New York, N. Y.
752—Monongahela Iron & Steel Co., Pittsburgh, Pa.
406—Morden Frog & Crossing Works, Chicago, Ill.
792—More-Jones Brass & Metal Co., St. Louis, Mo.
302—Morton Manufacturing Co., Chicago, Ill.
798—Mt. Vernon Car Mfg. Co., Mt. Vernon, Ill.
516—Mudge & Company, Chicago, Ill.
520—Murdock Mfg. & Supply Co., Cincinnati, O.
278—Myers Co., The, H. M., Beaver Falls, Pa.

N

514—Nathan Manufacturing Co., New York, N.Y.
584—National Boiler Washing Co. of Ill., Chicago, Ill.
274—National Carbon Co., Inc., Cleveland, O.
116—National Forge Co., Louisville, Ky.
306—National Lead Co., New York, N. Y.
446—National Lock Washer Co., The, Newark, N. J.
546—National Machinery Co., The, Tiffin, O.
426—National Malleable & Steel Castings Co., Cleveland, O., Chicago, Ill.
14—National Railway Appliance Co., New York, N.Y.
752—National Railway Devices Co., Chicago, Ill.
536—National Safety Appliance Co., The, San Francisco, Cal., and Chicago, Ill.
20—National Tube Co., Pittsburgh, Pa.
404—National Vulcanized Fibre Co., Wilmington, Del.
152—Nelson Manufacturing Co., B. F., Minneapolis, Minn.
710—Newport News Shipbuilding & Dry Dock Co., Newport News, Va.
438—New York Air Brake Co., The, New York, N.Y.
310—New York Belting & Packing Co., New York, N. Y.
754—Nichols & Bro., Geo. P., Chicago, Ill.
560—Niles-Bement-Pond Co., New York, N.Y.
752—North American Mfg. Co., The, Cleveland, O.
336—Northwestern Motor Co., Eau Claire, Wis.
572—Norton, Inc., A. O., Chicago, Ill., and Boston, Mass.
784—Norton Mfg. Co., Memphis, Tenn.
762—Nugent Steel Castings Co., The, Chicago, Ill.

O

146—Ohio Brass Co., Mansfield, O.
754—Ohio Electric & Controller Co., The, Cleveland, O.
780—Ohio Injector Co., The, Chicago, Ill.
406—Oil & Waste Saving Machine Co., Philadelphia Pa.
790—Okadee Co., Chicago, Ill.
1—Okonite-Callender Cable Co., Inc., Paterson, N. J.
1—Okonite Co., The, Passaic, N. J.
788—Old Dominion Iron & Steel Works, Inc., Richmond, Va.

HERE'S THE TROUBLE and HERE'S THE CURE

Ordinary butt-weld pipe, showing characteristic patches of welding-scale on the inside surface.

"NATIONAL" SCALE FREE Pipe, showing the clean, smooth surfaces of this modern product.

Patches of Scale on the interior surface of pipe mean:
Valve seats damaged and small orifices clogged.

Pipe that is free from Scale means:
No Scale to damage valves or clog small openings—hence, especially suited to air-brake systems.

Bulletin No. 7 explains in detail why "NATIONAL" SCALE FREE Pipe is suited to air-brake systems and to many other Railway Purposes.

NATIONAL TUBE COMPANY

Frick Building, Pittsburgh, Pa.

O—*Continued.*

148—Oldham & Son Co., George, Baltimore, Md.
782—O'Malley Co., The M. J., Springfield, Mass.
120—Orton Crane & Shovel Co., Chicago, Ill.
414—Osgood-Bradley Car Co., Worcester, Mass.
138—Oster Manufacturing Co., Cleveland, O.
484—Oxweld Railroad Service Co., Chicago, Ill

P

144—P. & M. Co., The, Chicago, Ill.
266—Page Steel & Wire Co., Bridgeport, Conn.
292—Paige & Jones Chemical Co., Inc., New York, N. Y.
460—Parkesburg Iron Co., The, Parkesburg, Pa.
658—Parsons Company, The, Newton, Ia.
472—Patterson-Sargent Co., Cleveland, O.
340—Paxton-Mitchell Co., The, Omaha, Neb.
764—Peck, Stow & Wilcox Co., Southington, Conn.
630—Pedrick Tool & Machine Co., Philadelphia, Pa.
758—Peerless Machine Co., Racine, Wis.
762—Penn Iron & Steel Co., Creighton, Pa.
412—Pennsylvania Pump & Compressor Co., Easton, Pa.
Cover—Pettibone Mulliken Company, Chicago, Ill.
578—Pettinos, Geo. F., Philadelphia, Pa.
424—Pilliod Co., The, New York, N.Y.
408—Pilot Packing Co., Inc., Chicago, Ill.
126—Piston Ring Co., The, Muskegon, Mich.
792—Pittsburgh Plate Glass Co. (Paint and Varnish Division) Milwaukee, Wis.
68—Pittsburgh Spring & Steel Co., Pittsburgh, Pa.
652—Pittsburgh Steel Co., Pittsburgh, Pa.
800—Pittsburgh Steel Foundry Corp., Glassport, Pa.
314—Pittsburgh Steel Products Co., Pittsburgh, Pa.
272—Pittsburgh Testing Laboratory, Pittsburgh, Pa.
466—Pneumatic Gate Co., Chicago, Ill.
778—Positive Lock Washer Co., The, Newark, N. J.
504—Positive Rail Anchor Co., Marion, Ind.
586—Pratt & Cady Co. Division. (*See Reading Steel Casting Co.*)
762—Pratt & Letchworth Co., Buffalo, N.Y.
452—Pratt & Whitney Co., Hartford, Conn.
798—Prendergast Co., Marion, O.
660—Pressed Steel Car Co., Pittsburgh, Pa., and New York, N.Y.
168—Prest-O-Lite Co., Inc., Cleveland, O. and Indianapolis, Ind.
346—Prime Manufacturing Co., The, Milwaukee, Wis.
606—Protectus Paint Co., Philadelphia, Pa.
802—Pruett-Schaffer Chemical Co., Pittsburgh, Pa.
684—Pullman Car & Manufacturing Corp., Chicago, Ill.
542—Pyle-National Company, The, Chicago, Ill.

Q

402 & Cover—Q & C Co., New York, N. Y., and Chicago, Ill.
404—Quaker City Rubber Co., Philadelphia, Pa.

R

574—Rail Joint Co., The, New York, N.Y.
24 & Cover—Railroad Supply Company, The, Chicago, Ill.
528—Railway Devices Co., St. Louis, Mo.
Foot notes—Railway Materials Co., The, Chicago, Ill.
382—Railway Steel-Spring Co., New York, N.Y.
622—Railway Utility Co., The, Chicago, Ill.
502—Ralston Steel Car Co., The, Columbus, O.
328—Ramapo Ajax Corporation, Hillburn, N. Y.

AIRCO
DAVIS BOURNONVILLE

PRODUCTS

Airco Oxygen

Airco Acetylene

Airco Calorene

Airco Nitrogen

Argon and other Atmospheric Gas Products

National Carbide

AIRCO-DAVIS-BOURNONVILLE

Welding and Cutting Apparatus and Supplies

Acetylene Generators

Specially Designed Machines for Oxyacetylene Welding and Cutting

Buy Your Oxygen on Specification for Purity

Airco Oxygen is 99.5% Pure in the Cylinder

The Purest Oxygen is Always the Most Economical

AIRCO District Offices and Plants

District Offices in Cities indicated by (★)

Baltimore, Md.
★Birmingham, Ala.
2825 N. 29th Ave.
★Boston, Mass.
122 Mt. Vernon St., Dorchester.
Brooklyn, N. Y.
★Buffalo, N. Y.
730 Grant St.
★Chicago, Ill.
2236 So. Lumber St.
★Cleveland, O.
1210 West 69th St.
Coatesville, Pa.
★Detroit, Mich.
7991 Hartwick St.
★Emeryville, Cal.
Park Ave. & Halleck St.
Elizabethport, N. J.
Gloucester, N. J.
Harrisburg, Pa.
Hellertown, Pa.
Jersey City, N. J.
Johnstown, Pa.
Kansas City, Mo.
Lima, Ohio
Madison, Ill.
★Milwaukee, Wis.
1296 Forest Home Ave.
★Minneapolis, Minn.
327-25th Ave., S. E.
Neville, Is., Coraopolis, Pa.
★New York, N. Y.
181 Pacific Ave., Jersey City, N. J.
★Oklahoma City, Okla.
P. O. Box 1338.
★Philadelphia, Pa.
Allegheny & Germantown Aves.
★Pittsburgh, Pa.
★Richmond, Va.
P. O. Box 1192.
★Seattle, Wash.
3623 E. Marginal Way.
Sharon, Pa.
★St. Louis, Mo.
115 Plum St.
Warren, O.

Canadian Distributor for Airco-Davis-Bournonville Apparatus—
Taylor & Arnold Engineering Co., Ltd.,
Montreal Toronto Winnipeg

AIR REDUCTION SALES COMPANY

26 Airco Oxygen Plants
17 Airco District Offices
15 Airco Acetylene Plants
14 Airco Repair Stations
2 Airco Calorene Plants
87 Airco Distributing Points
2 Airco-National Carbide Plants

Airco Apparatus Factories and Laboratories at Jersey City and Elizabethport, N. J.

Home Office: 342 Madison Ave., New York, N. Y.

R—*Continued.*

682—Rawls Machine & Mfg. Co., Chicago, Ill.
520—Reade Mfg. Co., Jersey City, N. J.
530—Reading Iron Co., Reading, Pa.
586—Reading Steel Casting Co., Inc., Bridgeport, Conn.
586—Reading Valve & Fittings Co. Division. (*See Reading Steel Casting Co.*)
294—Reliance Manufacturing Co., The, Massillon, O.
686—Remington Typewriter Co., New York, N. Y.
440—Republic Iron & Steel Co., Youngstown, O.
100—Richards-Wilcox Mfg. Co., Aurora, Ill.
96—Richmond Car Works, Richmond, Va.
594—Rivet Cutting Gun Co., Cincinnati, O.
80—Robertson & Co., Wm., Chicago, Ill.
690—Robertson Co., H. H., Pittsburgh, Pa.
436—Rockwell-Barnes Co., Chicago, Ill.
642—Roebling's Sons Co., John A., Trenton, N. J.
700—Rogers Co., H. A. (*See Jenkins Brothers.*)
340—Rome Iron Mills, Inc., Rome, N. Y.
278—Rowland's Sons, Inc., T., Cheltenham, Pa.
334—Rubberset Company, Newark, N. J.
152—Ruberoid Co., The, New York, N. Y.
636—Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
158—Russell Car & Snow Plow Co., Ridgway, Pa.
616—Ryerson & Son, Inc., Jos. T., Chicago, Ill.

S

342 & Foot notes—Safety Car Heating & Lighting Co., The, New York, N. Y.
776—St. Louis Frog & Switch Co., St. Louis, Mo.
278—St. Louis Shovel Co., St. Louis, Mo.
796—St. Louis Surfacer & Paint Co., St. Louis, Mo.
502—St. Louis Truck & Mfg. Co., St. Louis, Mo.
768—Sargent Co., Chicago, Ill.
668—Scaife & Sons Co., Wm. B., Oakmont, Pa.
698—Schaefer Equipment Co., Pittsburgh, Pa.
108—Scullin Steel Co., St. Louis, Mo., and New York, N. Y.
508—Sellers & Co., Inc., Wm., Philadelphia, Pa.
170—Sellers Mfg. Co., Chicago, Ill.
362—Sherburne & Co., Boston, Mass.
786—Sherwin-Williams Co., The, Cleveland, O., and Chicago, Ill.
Foot notes—Simpson, W. M., Chicago, Ill.
796—Sipe & Co., James B., Bridgeville, Pa.
678—Snow Construction Co., T. W., Chicago, Ill.
792—Southern Iron & Equipment Co., Atlanta, Ga.
650—Southern Wheel Co., Pittsburgh, Pa.
272—Southwark Foundry & Machine Co., Philadelphia, Pa.
704—Spaulding Fibre Co., Inc., Tonawanda, N. Y.
170—Sprague Safety Control & Signal Corp., New York, N. Y.
554—Standard Car Truck Co., Chicago, Ill.
Foot notes—Standard Coupler Co., New York, N. Y.
688—Standard Forgings Co., Chicago, Ill.
152—Standard Paint Co., The. (*See Ruberoid Co., The*)
324—Standard Railway Equipment Co., Chicago, Ill., and New York, N. Y.
630—Standard Safety Nut Corp., New York, N. Y.
546—Standard Seamless Tube Co., Ambridge, Pa.

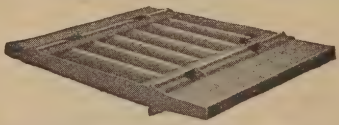
RRS COMPRESSION BOTTOM RECESSED END TIE PLATES

Highest Economy and Efficiency in Tie Plate Design

Increased Holding Power

Increased Tie Life

Minimum Weight Maximum Strength



ALL TIE PLATES MADE FROM NEW BILLETS

HIGHWAY CROSSING SIGNALS

Flashing Lights - Autoflags - Wig-Wags

Crossing Bells - Crossing Signs

LIGHTNING ARRESTERS—TERMINALS

Signal Accessories

Tools - Line Supplies - Rectifiers

The Railway Supply Company

Bedford Building, Chicago

NEW YORK 30 Church St. | St. LOUIS 1225 Arcade Bldg. | SAN FRANCISCO Crocker Bldg. | ST. PAUL 116 E. Fourth St.

S—*Continued.*

606—Standard Steel Car Co., Pittsburgh, Pa.
380—Standard Steel Works Co., Philadelphia, Pa.
592—Standard Stoker Co., Inc., New York, N. Y.
376—Standard Tank Car Co., Sharon, Pa.
434—Standard Underground Cable Co., Pittsburgh, Pa.
780—Star Brass Mfg. Co., Boston, Mass.
798—Star Headlight & Lantern Co., Rochester, N. Y.
96—Steel Car Co., The, Cleveland, O.
606—Steel Car Forge Co., Pittsburgh, Pa.
136—Stengel & Rothschild, Inc., Newark, N. J.
598—Stewart Iron Works Co., Cincinnati, O.
770—Stucki Co., A., Pittsburgh, Pa.
582—Sullivan Machinery Co., Chicago, Ill.
104—Sunbeam Electric Mfg. Co., Evansville, Ind.
90 & Foot Notes—Superheater Company, The, New York, N. Y.
116—Superior Flake Graphite Co., Chicago, Ill.
760—Suydam Co., M. B., Pittsburgh, Pa.
474—Symington Co., The, New York, N. Y.

T

8—Talmage Manufacturing Co. The, Cleveland, O.
496—Templeton, Kenly & Co., Ltd., Chicago, Ill.
614—Texas Company, The, New York, N. Y.
632—Thomson Electric Welding Co., Lynn, Mass.
798—Thornburgh Mfg. Co., W. N., Cicero, Ill.
348—Timken-Detroit Axle Co., The, Detroit, Mich.
644 & Cover—Timken Roller Bearing Co., The, Canton, O.
468—Torchweld Equipment Co., Chicago, Ill.
750—Track Specialties Co., New York, N. Y.
326—Transportation Devices Corp., Indianapolis, Ind.
548—Transportation Engineering Corporation, Brooklyn, N. Y.
600—Tuco Products Corporation, New York, N. Y.
668—Tyler Tube & Pipe Co., The, Washington, Pa.

U

92—Ulster Iron Works, Dover, N. J., and Chicago, Ill.
302—Underwood Corp., H. B., Philadelphia, Pa..
468—Underwood Typewriter Co., Inc., New York, N. Y.
692—Union Asbestos & Rubber Co., Chicago, Ill.
518—Union Draft Gear Co., Chicago, Ill.
676—Union Spring & Mfg., Co., Pittsburgh, Pa.
760—Union Steel Casting Co., Pittsburgh, Pa.
590—Union Switch & Signal Co., The, Swissvale, Pa.
778—U. S. Chain & Forging Co., Pittsburgh, Pa.
312—U. S. Light & Heat Corporation, Niagara Falls, N. Y.
312—United States Metallic Packing Co., The, Philadelphia, Pa.
88—Universal Draft Gear Attachment Co., Chicago, Ill.
702—Universal Packing Corp., Pittsburgh, Pa.

V

390—Vanadium Corporation of America, New York, N. Y.
338—Van Dorn Iron Works Co., Cleveland, O.
154—Vandyck Churchill Co., New York, N. Y.
294—Vapor Car Heating Co. Inc., Chicago, Ill.
628—Verona Tool Works, Pittsburgh, Pa
790—Viloco Railway Equipment Co., Chicago, Ill.
758—Virginia Equipment Co. (*See Williams Co., The Lacey*).

DIXON'S ALUMINUM-GRAPHITE PAINT

PREPARED primarily to meet requirements of railroad and industrial companies and particularly recommended wherever a light colored paint is desired.

Back of this new product stands our century-old reputation, as well as 65 years' experience in paint manufacturing.

Dixon's Aluminum Graphite Paint is composed of aluminum and flake silica-graphite as a pigment and boiled linseed oil as a vehicle. The aluminum is of flake formation and thus easily combines with the flake graphite, lapping over like fish scales and providing covering of unusual elasticity and durability.

The value of flake graphite as a pigment has been thoroughly proven and is generally accepted. The combination of aluminum and graphite results in a paint that is not affected by gases, fumes, and which resists sunlight, air and moisture. Reflecting light and heat, it will keep the temperature of tanks, etc., considerably lower than is possible with darker paints. Ask for Circular 36-AB.

Additional information and prices will be sent upon request.

JOSEPH DIXON CRUCIBLE COMPANY

Established 1827 D X N TRADE MARK **Jersey City, N. J.**

W

182—Walker Draft Gear Corp., New York, N. Y.
388 & Cover—Walworth Company, Boston, Mass.
394—Waterbury Battery Co., Waterbury, Conn.
664—Watson-Stillman Co., The, New York, N. Y.
478—Waugh Equipment Co., Chicago, Ill.
102—Weir Kilby Corp., The, Cincinnati, O., and Birmingham, Ala.
318—West Disinfecting Co., Chicago. Ill., and New York, N. Y.
268—Western Electric Co. (*See Graybar Electric Co., Inc.*)
396—Western Railway Equipment Co., St. Louis, Mo.
298—Western Wheeled Scraper Co., Aurora, Ill.
258—Westinghouse Air Brake Co., The, Pittsburgh, Pa.
512—Westinghouse Electric & Mfg. Co., Pittsburgh, Pa.
310—Whall Co., C. H., Boston, Mass.
292—Wharton, Jr., & Co., Inc., Wm., Easton and Philadelphia, Pa.
782—Wheel Truing Brake Shoe Co., Detroit, Mich.
618—Wheeling Steel Corp., Wheeling, W. Va.
554—Whiting Corporation, Harvey, Ill.
416—Whiting, John L.—J. J. Adams Co., Boston, Mass.
666—Wickes Brothers, Saginaw, Mich.
770—Wiebusch & Hilger, Ltd., New York, N. Y.
758—Williams Co., The Lacey, Cleveland, O.
144—Williams, White & Co., Moline, Ill.
12—Williamsport Wire Rope Co., Williamsport, Pa.
300—Wilson & Co., E. H., Philadelphia, Pa.
88—Wilson Corp., The J. G., Norfolk, Va., and New York, N.Y.
756&772—Wilson-Imperial Co., Newark, N. J.
772—Wilson Remover Co., Newark, N. J. (*See Wilson-Imperial Co.*)
336—Wine Railway Appliance Co., The, Toledo, O.
160—Wolfe Brush Co., Pittsburgh, Pa.
120—Wood & Co., R. D., Philadelphia, Pa.
510—Wood Co., Guilford S., Chicago, Ill.
72—Wood Conversion Co., Chicago, Ill.
672—Wood Iron & Steel Co., Alan, Philadelphia, Pa.
400—Wood Shovel & Tool Co., Piqua, O,
708—Woodings Forge & Tool Co., Verona, Pa.
134—Woodman Ry. Supply Co., Chicago, Ill.
344—Woods & Co., Edwin S., Chicago, Ill.
128—Woolery Machine Co., Minneapolis, Minn.
562—Worthington Pump & Machinery Corporation, New York, N. Y.
356—Woven Steel Hose & Rubber Co., Trenton, N. J.
278—Wright Shovel Co., Anderson, Ind.
156—Wyoming Shovel Works, The, Wyoming, Pa.

Y

4—Yale & Towne Mfg. Co., Stamford, Conn.
516—Young Mfg. Co., Chas. C., Jersey Shore, Pa.
794—Young Manufacturing Co., R. W., Chicago, Ill.
678—Youngstown Steel Door Co., Cleveland, O.

Trade Mark

PNEUMATIC MACHINERY

AIR COMPRESSORS
PNEUMATIC TOOLS
TIE TAMPING OUTFITS
CONDENSING PLANTS
AIR LIFT PUMPING
OIL ELECTRIC LOCOMOTIVE

Also

Rock Drilling and Coal Mining Machinery, Direct Acting and Centrifugal Pumps.

Built as well as it is possible to make them, in the largest shops in the world devoted to this line of product, and backed by the guarantees of the oldest, largest and most responsible builders of this class of machinery in the business.

INGERSOLL-RAND COMPANY
11 Broadway, New York

Address the nearest office, as listed elsewhere in this book.

CLASSIFIED INDEX TO ADVERTISEMENTS.

Abrasive Discs—
Besly & Co., Chas. H..... 78

Abrasives—
Carborundum Co..... 458

Accounting Machines—
Remington Typewriter Co..... 686
Underwood Typewriter Co..... 468

Accumulators (Hydraulic)—
Chambersburg Engineering Co..... 162
Southwark Foundry & Machine Co. 272
Worthington Pump & Machy. Corp. 562

Acetylene in Cylinders—
Air Reduction Sales Co..... 22
Milburn Co., The Alexander..... 494

Acetylene Lighting System—
Adams & Westlake Co..... 330
Gold Car Heating & Lighting Co.... 420
Safety Car Heating & Lighting Co., Foot notes and 342

Acetylene Welding and Cutting Apparatus—
Air Reduction Sales Co..... 22
K-G Welding & Cutting Co..... 124
Milburn Co., The Alexander..... 494
Torchweld Equipment Co..... 468

Acid Proof Paints—
Barber Asphalt Co..... 450

Adjustable Measure Oil Cabinets—
Bowser & Co., Inc., S. F..... 454

Adzes—
Woodings Forge & Tool Co..... 708

Aerial Tramways—
American Steel & Wire Co..... 264
Roebling's Sons Co., John A..... 642

Air Brake and Knuckle Pins—
De Remer-Blatchford Co..... 318
Natl. Malleable & Steel Castings Co. 426
Steel Car Forge Co..... 606
Western Railway Equipment Co... 396

Air Brake Fittings—
See Fittings (Air Brake and Pipe).

Air Brake Hose—
New York Belting & Packing Co.... 310
Quaker City Rubber Co..... 404
Wood Co., Guilford S..... 510

Air Brake Hose Band—*See Hose Bands.*

Air Brake Pump Packing—
Anchor Packing Co..... 490
Garlock Packing Co..... 370
Johns-Manville, Inc..... 316
New York Belting & Packing Co.... 310
Quaker City Rubber Co..... 404
Woven Steel Hose & Rubber Co ... 356

Air Brake Pump Packing (Metallic)—
Brewster, Inc., Morris B..... 106
United States Metallic Packing Co.. 312

Air Brake Signal Cocks—
Sherburne & Co..... 362

Air Brake Signals—
New York Air Brake Co..... 438
Westinghouse Air Brake Co..... 258

Air Brakes—
General Electric Co.....Cover
New York Air Brake Co. 438
Sprague Safety Control & Signal Corp..... 170
Westinghouse Air Brake Co..... 258

Air Compressor Lubricator (Oil Atomizing)—
New York Air Brake Co..... 438

Air Compressors—
Chicago Pneumatic Tool Co..... 16
Consolidated Mach. Tool Corp..... 124
Fairbanks, Morse & Co..... 260
General Electric Co.....Cover
Independent Pneumatic Tool Co.... 140
Ingersoll-Rand Co..... 56
Kinsey Co., The E. A..... 756
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Penna. Pump & Compressor Co..... 412
Sherburne & Co..... 362
Sullivan Machinery Co..... 582
Westinghouse Air Brake Co..... 258
Worthington Pump & Machy. Corp. 562

Air Gages—*See Steam Gages.*

Air Hoists *See Hoists (Pneumatic).*

Air Hose Clamps—*See Hose Clamps.*

Air Hose Coupling—
See Hose Couplings.

Air Hose Nipples—
Huron Mfg Co..... 384
Prime Mfg. Co..... 346

Air Lift Pumps—
Chicago Pneumatic Tool Co..... 16
Ingersoll-Rand Co 56
Penna. Pump & Compressor Co..... 412
Sullivan Machinery Co..... 582
Worthington Pump & Machy. Corp. 562

Air Line Valves—
Dunham Co., C. A..... 410

Air Motors *See Motors (Air).*

Air Pump Lubricator—
Badeker Mfg. Co..... 126
Edna Brass Manufacturing Co..... 172

Air Receivers and Reheaters—
Chicago Pneumatic Tool Co..... 16
Ingersoll-Rand Co..... 56
Penna. Pump & Compressor Co..... 412
Scaife & Sons Co., Wm. B..... 668

Air Signal Hose—*See Air Brake Hose.*

Air Vents—
Dunham Co., C. A..... 410

Alligator Wrenches—
Roebling's Sons Co., John A..... 642

RAIL ANCHORS

Snapon Efficiency
Snaplock

ANCHOR COMPANY

Main Office—756 Park St., Milwaukee, Wis.
Railway Exchange, St. Louis, Mo.
Railway Exchange, Chicago, Ill.

Robert M. Lucas Co.

CREATORS *and* MAKERS *of*

LUCAS CEMENT

1955 West Thirty-First Street
Lafayette 0545 CHICAGO

"Through all changes some things endure"

Alloy Steel—
Bethlehem Steel Co.....368 & 626
Carnegie Steel Co..... 280
Illinois Steel Co..... 378
Vanadium Corp. of America..... 390

Alumino-Thermic Welding Materials & Equipment—
Alumino-Thermic Corporation.... 110

Aluminum Leaf (Roll or Book Form)—
American Roll Gold Leaf Co..... 282

Aluminum Paint—
See Paints (Aluminum).

Amperehour Meters—
Lundy Co., E. A..... 482

Anchors (Rail)—*See Rail Anchors.*

Angle Cock Holders—
Mudge & Co..... 516
Railway Devices Co..... 528
Western Railway Equipment Co... 396

Angle Cock (Semi-Automatic)—
Sprague Safety Control & Signal Corp..... 170

Angle Shears—
Cleveland Punch & Shear Works Co. 594
Southwark Foundry & Machine Co. 272

Angle Valves (Globe and Straightway)—
Cleveland Pneumatic Tool Co..... 142
Detroit Lubricator Co..... 774
Jenkins Brothers..... 700
National Tube Co..... 20
Reading Steel Casting Co..... 586
Walworth Co.....Cover & 388

Angles (Iron & Steel)—
Carnegie Steel Co..... 280
Illinois Steel Co..... 378

Angles (Rolled Steel)—
Bethlehem Steel Co.....368 & 626
Carnegie Steel Co..... 280
Illinois Steel Co..... 378

Annunciators—
Chicago Ry. Signal & Supply Co.... 86
Graybar Electric Co., Inc..... 268
Railroad Supply Co.....Cover & 24

Anti-Friction Metal—
Ajax Metal Co..... 60
Bronze Metal Co..... 770
Damascus Bronze Co..... 348
Eureka Brass Co..... 772
Gilbert & Sons Brass Fdry. Co., A... 788
Keystone Bronze Co..... 10
Magnus Co., Incorporated..... 326
More-Jones Brass & Metal Co..... 792

Anti-Rail Creepers—
Anchor Co..... 58
Creepcheck Co., Inc..... 780
Natl. Malleable & Steel Castings Co. 426
P. & M. Company, The..... 144
Positive Rail Anchor Co..... 504
Q & C Co.....Cover & 402

Arch Bar Drills—
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560

Arch Tubes—
De Remer-Blatchford Co..... 318
Detroit Seamless Steel Tubes Co... 754
Globe Steel Tubes Co..... 610
National Tube Co..... 20
Parkesburg Iron Co..... 460
Pittsburgh Steel Products Co..... 314
Standard Seamless Tube Co..... 546
Tyler Tube & Pipe Co..... 668

Arches (Locomotive)—
American Arch Co..... 304

Arc Lamps—
General Electric Co.....Cover
Westinghouse Electric & Mfg. Co... 512

Armored Hose—
Woven Steel Hose & Rubber Co.... 856

Arresters (Lightning)—
Electric Service Supplies Co..... 76
General Electric Co.....Cover
Graybar Electric Co., Inc..... 268
Railroad Supply Co.....Cover & 24

Arresters (Spark Locomotive)—
Hendrick Mfg. Co..... 332

Artesian Well Pumps—
American Well Works, The..... 412
Cook, Inc., A. D..... 86

Artificial Leather—
Chase & Co., L. C..... 74
Mass. Mohair Plush Co..... 364

Asbestos—
Anchor Packing Co..... 490
Asbestos Shingle, Slate & Sheathing Co..... 544
Garlock Packing Co..... 370
Johns-Manville, Inc..... 316
Union Asbestos & Rubber Co..... 692

Asbestos Building Lumber, Corrugated Sheathing & Shingles—
Asbestos Shingle, Slate & Sheathing Co..... 544
Johns-Manville, Inc..... 316
Robertson Co., H. H..... 690

Asbestos Products—
Asbestos Shingle, Slate & Sheathing Co..... 544
Johns-Manville, Inc..... 316
Robertson Co., H. H..... 690
Union Asbestos & Rubber Co..... 692

Ash Conveyors—
See Conveying Machinery.

Ash Pan Cleaners—
Talmage Mfg. Co 8

Ash Pit Doors (Air Tight)—
Conveyors Corp. of America..... 432

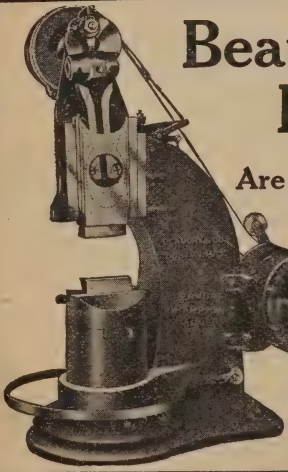
Asphalt Building Paper, Cement, Insulating Felt, Paints, Roofing and Waterproofing Compounds—
Arco Company..... 486
Barber Asphalt Co..... 450
Cork Import Corp..... 698
De Remer-Blatchford Co..... 318
Kay & Ess Co..... 548
Lehon Co., The..... 150
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152
Union Asbestos & Rubber Co..... 692

AJAX PLASTIC BRONZE

Standard for
Car Journal Bearings
and the Wearing Parts of
Locomotives.

THE AJAX METAL COMPANY
Established 1880
PHILADELPHIA

New York Chicago Boston Cleveland



Beaudry Power Hammers

Are used in over 70% of the Railway Shops of this country, built in four styles in sizes from 25 to 1200 lbs. rams.

Belt or Motor Driven

BEAUDRY COMPANY, Inc.
141 Milk Street
BOSTON, MASS.

Asphalt Shingles—
Barber Asphalt Co..... 450
Barrett Co..... 360
Johns-Manville, Inc. 316
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152

Asphaltums—
Arco Company..... 486
Barber Asphalt Co..... 450
Berry Bros..... 374
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The 352
Milar, Clinch & Co 646
Pruett-Schaffer Chemical Co.... ... 802

Automatic & Semi-Automatic Railroad Signals—*See Signals & Signaling Appliances (Railway).*

Automatic Block Signalling Apparatus (Electric Pneumatic)—
Chicago Ry. Signal & Supply Co.... 86
General Railway Signal Co..... 2
Sprague Safety Control & Signal Corp..... 170
Union Switch & Signal Co..... 590

Automatic Bolt Threaders—
See Bolt Threaders (Automatic).

Automatic Cut-Off Control—
Transportation Devices Corp..... 326

Automatic Dump Car (Air)—
See Dump Cars (Automatic).

Automatic Fire Doors—
Franklin Railway Supply Co..... 76
National Railway Devices Co..... 752
Richards-Wilcox Mfg. Co..... 100

Automatic Gear Cutting Machines—
See Gear Cutting Machines (Automatic).

Automatic Hose Reel—
National Railway Appliance Co.... 14

Automatic Road Crossing Bells—
See Crossing Alarms.

Automatic Safety Switch Stands—
Morden Frog & Crossing Works.... 406
Ramapo Ajax Corporation..... 328

Automatic Sanders—
See Locomotive Sanders.

Automatic Slack Adjusters—
See Brake Slack Adjusters (Automatic).

Automatic Train Control—
General Railway Signal Co..... 2
Miller Train Control Corp..... 374
Natl. Safety Appliance Co..... 536
Sprague Safety Control & Signal Corp..... 170
Union Switch & Signal Co..... 590

Automatic Valves—
Jenkins Brothers..... 700
Reading Steel Casting Co 586
Walworth Co.....Cover & 388

Automatic Water Columns—
See Water Columns.

Awnings—
Chicago Flag & Decorating Co..... 96

Axle Centering Machines—
Niles-Bement-Pond Co..... 560

Axle Lathes—
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560

Axle Light Equipment (Electric)—
See Car Lighting (Electric).

Axles (Automobile, Motor Coach & Motor Truck)—
Timken-Detroit Axle Co..... 348

Axles (Mine Car)—
Southern Wheel Co..... 650

Axles, Car & Locomotive (Steel)—
American Car & Foundry Co..... 620
American Locomotive Co..... 464
Bethlehem Steel Co. ....368 & 626
Bettendorf Co.....Cover
Bradley Car Co., Osgood..... 414
Carnegie Steel Co..... 280
Gould Coupler Co..... 532
Illinois Steel Co 378
Johnson & Co., J. R..... 794
McMyler Interstate Co..... 578
Midvale Co..... 460
National Railway Appliance Co.... 14
Pullman Car & Mfg. Corp..... 684
Sherburne & Co..... 362
Standard Forgings Co..... 688
Standard Steel Works Co..... 380
Timken-Detroit Axle Co..... 348

Babbitt Metal—
Ajax Metal Co..... 60
Damascus Bronze Co..... 348
Eureka Brass Co 772
Gilbert & Sons Brass Fdry Co., A... 788
Keystone Bronze Co..... 10
Magnus Co., Incorporated..... 326
More-Jones Brass & Metal Co..... 792
Ryerson & Son, Jos. T..... 616

Back-Up Valve and Whistle—
Sherburne & Co..... 362

Badges, Cap & Breast—
American Railway Supply Co..... 150

Baggage Checks—
American Railway Supply Co..... 150

Baggage Trucks—
See Trucks (Freight, Warehouse and Shop).

Balanced Main and Slide Valves—
American Locomotive Co..... 464
Hammett, H. G..... 494
Jenkins Bros..... 700
Mason Regulator Co..... 766
Young Mfg. Co., Chas. C..... 516

Ballast Spreaders—
Jordan Co., O. F. 114

Ball Bearing Screw Jacks—
Norton, Inc., A. O. 572

Ball Finishing Tools (Superheater Joints)—
Draper Mfg. Co. 430

Ball Joint (Flexible)—
Barco Manufacturing Co. 98
Franklin Ry. Supply Co. 76

Barbed Wire—*See Wire (All Kinds.)*

Barges and Car Floats—
American Bridge Co. 66

Bar Iron—
American Car & Foundry Co. 620
Burden Iron Co. (R. R. & S. S. Div.) 768
Ewald Iron Co. 800
Logan Iron & Steel Co. 356
Monongahela Iron & Steel Co. 752
Old Dominion Iron & Steel Wks., Inc. 788
Pullman Car & Mfg. Corp. 684
Ulster Iron Works 92

Bar Shears—
Cleveland Punch & Shear Works Co. 594
Southwark Foundry & Machine Co. 272

Bar Steel—
American Steel & Wire Co. 264
Bethlehem Steel Co. ..... 368 & 626
Carnegie Steel Co. 280
Illinois Steel Co. 378
Inland Steel Co. 694
Ludlum Steel Co. 764
Republic Iron & Steel Co. 440
Ryerson & Son, Jos. T. 616

Bar Steel (High Speed)—
Bethlehem Steel Co ..... 368 & 626
Ludlum Steel Co. 764

Barrel-Filling Power Pumps—
Bowser & Co., Inc., S. F. 454

Batteries (Electric)—
See Electric Batteries.

Batteries (Electric Hand Lantern)—
National Carbon Co. 274

Battery Boxes—
Chicago Ry. Signal & Supply Co. 86
Graybar Electric Co., Inc. 268
Railroad Supply Co. ..... Cover & 24

Battery Charging Equipment—
General Electric Co. ..... Cover
Graybar Electric Co., Inc. 268
Transportation Engineering Corp. . 548

Battery Chutes—
Chicago Ry. Signal & Supply Co. 86
Massey Concrete Products Corp. 800
Railroad Supply Co. ..... Cover & 24

Battery Paints—
Barber Asphalt Co 450

Battery Sealing Asphalt—
Barber Asphalt Co 450

Battery Supplies (Zincs, Copper Jars and Vitriol)—
Chicago Ry. Signal & Supply Co. 86
Graybar Electric Co., Inc. 268
Railroad Supply Co. ..... Cover & 24

Battery Wells—
Massey Concrete Products Corp. 800
Railroad Supply Co. ..... Cover & 24

Bearings (Centre and Side)—
American Steel Foundries 398
Bradford Corp. 680
Cardwell Mfg. Co. 518
Chicago Ry. Equipment Co. 624
Miner, W. H. 308
Q & C Company ..... Cover & 402
Standard Car Truck Co. 554
Standard Ry. Equipment Co. 324
Stucki Co., A. 770
Symington, Co., The 474
Waugh Equipment Co. 478
Wine Ry. Appliance Co., The 336
Woods & Co., Edwin S. 344

Bell-Chime Whistles—
Star Brass Mfg. Co. 780

Bell Cord—
Roebling's Sons Co., John A. 642

Bell Cord Straps—
Wood Co., Guilford S. 510

Bell Ringers—
See Locomotive Bell Ringers.

Bells and Buzzers (Electric)—
See Electric Bells & Buzzers.

Belt Dressing—
Dixon Crucible Co., Jos. 26

Belting—
Milar, Clinch & Co. 646
New York Belting & Packing Co. 310
Quaker City Rubber Co. 404
Transportation Engineering Corp. . 548
Wood Co., Guilford S. 510
Woven Steel Hose & Rubber Co. 356

Bending & Straightening Machinery—
Cleveland Punch & Shear Works Co. 594
Consolidated Mach. Tool Corp. 124
Ryerson & Son, Jos. T. 616
Southwark Foundry & Machine Co. 272
Underwood Corp., H. B. 302
Wickes Bros. 666
Williams, White & Co. 144
Wood & Co., R. D. 120

Berth Fixtures—
Adams & Westlake Co. 330

Bevel Shears—*See Shears (Bevel.)*

Bill Files—
Van Dorn Iron Wks. Co. 338

Billets and Blooms—
Bethlehem Steel Co.....368 & 626
Carnegie Steel Co.....280
Ewald Iron Co.....800
Illinois Steel Co.....378
Midvale Co.....460
Ulster Iron Works.....92
Wheeling Steel Corp.....618
Wood, Iron & Steel Co., Alan.....672

Bits (Wood Boring)—
Greenlee Bros. & Co.....772

Black Gloss Finishes—
Arco Company.....486
Berry Bros.....374

Black Sheets—
Wheeling Steel Corp.....618

Blast Traps—
Dunham Co., C. A.....410

Blinds (Venetian, Awning)—
Wilson Corp., J. G.....88

Blocks (All Kinds)—
American Hoist & Derrick Co.....466

Blocks (Chain)—*See Chain Blocks.*

Block Signal Systems—
See Signals & Signalling Appliances (Railway.)

Blowers—Electric Exhaust—
Mudge & Co.....516

Blowers (Locomotive Flue)—
American Ry. Appliances Co.....676

Blowers (Pressure-Oil Fire, Gas Fire)—
North American Mfg. Co.....752

Blow-Off Cocks—
Bird-Archer Co.....112
Okadee Co.....790
Reading Steel Casting Co., Inc.....586

Blow-Off System—
Talmage Mfg. Co.....8

Blow-Off Valves—
Crosby Steam Gage & Valve Co.....608
Frederick Iron & Steel Co.....800
Jenkins Bros.....700
Reading Steel Casting Co., Inc.....586
Sargent Co.....768
Talmage Mfg. Co.....8
Walworth Co.....Cover & 388

Blow Torches—
Cameron-Spouse Mfg. Co.....786

Blow Torches (Gas-Electric, Preheating)—
North American Mfg. Co.....752

Blue Printing Machinery—
Wickes Bros.....666

Boiler & Fire Box Steel—
See Locomotive Boiler & Fire Box Steel.

Boiler and Pipe Coverings (Asbestos)—
See Asbestos.

Boiler Cement—
Barber Asphalt Co.....450

Boiler Chemicals—
See Boiler Scale Solvent.

Boiler Cleaners (Mechanical)—
Johns-Manville, Inc.....316
Talmage Mfg. Co.....8

Boiler Compounds—
See Boiler Scale Solvent.

Boiler Feeders—
Manning, Maxwell & Moore, Inc.....476

Boiler, Fire Box and Tank Plates—
Bethlehem Steel Co.....368 & 626
Carnegie Steel Co.....280
Central Iron & Steel Co.....134
Illinois Steel Co.....378
Lukens Steel Co.....172
Ryerson & Son, Jos. T.....616
Wood Iron & Steel Co., Alan.....672

Boiler Graphite—
Dixon Crucible Co., Jos.....26
Superior Flake Graphite Co.....116

Boiler Makers' Tools—
Chambersburg Engineering Co.....162
Chicago Pneumatic Tool Co.....16
Consolidated Mach. Tool Corp.....124
Faessler Mfg. Co., J.....524
Henderer's Sons, A. L.....768
Hubbard & Co.....656
Independent Pneumatic Tool Co.....140
Niles-Bement-Pond Co.....560
Pratt & Whitney Co.....452
Ryerson & Son, Jos. T.....616
Southwark Foundry & Machine Co.....272
Wickes Bros.....666
Wood & Co., R. D.....120

Boiler Metal Treatment—
Garratt-Callahan Co.....462

Boiler Oils—
Talmage Mfg. Co.....8

Boiler Rivets—*See Rivets.*

Boiler Scale Solvent—
American Water Softener Co.....774
Bird-Archer Co., The.....112
Dearborn Chemical Co.....178
Garratt-Callahan Co.....462
Gill Railway Supply Co.....118
Paige & Jones Chemical Co.....292
Scaife & Sons Co., Wm. B.....668

Boiler Staybolt Bars (Hollow or Solid)—
Bethlehem Steel Co.....368 & 626
Falls Hollow Staybolt Co.....796
Ryerson & Son, Jos. T.....616
Ulster Iron Works.....92

Boiler Tubes—
De Remer-Blatchford Co.....318
Detroit Seamless Steel Tubes Co.....754
Globe Steel Tubes Co.....610
National Tube Co.....20
Parkesburg Iron Co.....460
Pittsburgh Steel Co.....652
Pittsburgh Steel Products Co.....314
Reading Iron Co.....530
Ryerson & Son, Jos. T.....616
Standard Seamless Tube Co.....546
Tyler Tube & Pipe Co.....668

BRAKE BEAMS

DAVIS "SOLID TRUSS" BRAKE BEAM

"DARA" ROD AND CHANNEL BRAKE BEAM

AND

BRAKE BEAM SUPPORTS

For All Classes of Freight Cars,
Passenger Cars and Locomotive Tenders

DAVIS BRAKE BEAM CO.

Johnstown, Pa.

SALES OFFICES

1602 Oliver Bldg. Pittsburgh, Pa. | First National Bank Bldg. Roanoke, Va. | 1313 People's Gas Bldg. Chicago, Ill. | Arcade Bldg. St. Louis, Mo.

Boiler Tubes (Knobbled Hammered Charcoal Iron)—
Bethlehem Steel Co ..... 368 & 626
De Remer-Blatchford Co..... 318
Parkesburg Iron Co..... 460
Reading Iron Co 530
Tyler Tube & Pipe Co..... 668

Boiler Washers—
Edna Brass Mfg. Co..... 172
Nathan Mfg. Co..... 514

Boiler Washing System—
Miller Heating Co., F. W..... 784
National Boiler Washing Co. of Ill. 584

Boilers—
American Locomotive Co..... 464
Wheeling Steel Corp..... 618

Bolsters (Body and Truck)—
American Steel Foundries..... 398
Bettendorf Co..... Cover
Bradford Corp., The..... 680
Commonwealth Steel Co..... 162
Pittsburgh Steel Foundry Corp..... 800
Pressed Steel Car Co..... 660
Reading Steel Casting Co., Inc..... 558
Scullin Steel Co..... 108
Woodman Ry. Supply Co..... 134

Bolt and Nut Machinery—
Acme Machinery Co..... 320
Ajax Mfg. Co..... 570
Consolidated Mach. Tool Corp..... 124
Landis Machine Co., Inc..... 536
Manning, Maxwell & Moore, Inc..... 476
National Machinery Co., The..... 546
Niles-Bement-Pond Co..... 560

Bolt Cutters and Headers—
Acme Machinery Co 320
Consolidated Mach. Tool Corp..... 124
Kinsey Co., Inc., The E. A..... 756
Landis Machine Co., Inc..... 536
Manning, Maxwell & Moore, Inc..... 476
National Machinery Co., The..... 546
Niles-Bement-Pond Co..... 560

Bolt Heaters (Oil or Gas)—
North American Mfg. Co..... 752

Bolt Heating Furnaces—
See Furnaces—(Bolt Drill Plate & Rivet Heating).

Bolt Iron—
Burden Iron Co. (R. R. & S. S. Div.).. 768
Logan Iron & Steel Co..... 356
Monongahela Iron & Steel Co..... 752
Ulster Iron Works..... 92

Bolt Pointing Die Heads—
Consolidated Mach. Tool Corp..... 124
Landis Machine Co., Inc..... 536

Bolt Pointing Machines—
Landis Machine Co., Inc..... 536

Bolt Threaders (Automatic)—
Ajax Mfg. Co..... 570
Consolidated Mach. Tool Corp..... 124
Landis Machine Co., Inc..... 536
Manning, Maxwell & Moore, Inc..... 476
National Machinery Co., The..... 546
Niles-Bement-Pond Co..... 560

Bolt Threading Die Heads—

Bolt Threading Machinery—
Consolidated Mach. Tool Corp..... 124
Landis Machine Co. Inc..... 536

Bolts—
Frank, M. K..... 780
Hubbard & Co..... 656
Illinois Car & Mfg. Co..... 96
Key-Bolt Appliance Co..... 670
Lorain Steel Co..... 488
Republic Iron & Steel Co..... 440
Richmond Car Works..... 96
Russell, Burdsall & Ward Bolt & Nut Co..... 636
Ryerson & Son, Jos. T..... 616
Steel Car Co 96
Steel Car Forge Co..... 606

Bond Wire Protectors—
T. & M. Co., The..... 144

Bond Wires—
Copperweld Steel Co..... 322
Roebling's Sons Co., John A..... 642

Bonds, Rail—*See Rail Bonds.*

Bonds (Signal)—
Ohio Brass Co..... 146

Boring and Turning Mills—
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc..... 476
Niles-Bement-Pond Co..... 560
Ryerson & Son, Jos. T..... 616
Underwood Corp., H. B..... 302
Vandyck Churchill Co..... 154

Boring Bars—
Davis Boring Tool Co., Inc..... 534
Liberty Machine Works..... 296
Pedrick Tool & Machine Co..... 630
Ryerson & Son, Jos. T..... 616
Underwood Corp., H. B..... 302

Boring Machines (Horizontal)—
See Horizontal Boring, Drilling & Milling Machines.

Boring Machines (Wood)—
See Wood Working Machinery

Boring Tools—
Consolidated Mach. Tool Corp..... 124
Davis Boring Tool Co., Inc..... 534
Liberty Machine Works..... 296
Manning, Maxwell & Moore..... 476
Niles-Bement-Pond Co..... 560
Pratt & Whitney Co..... 452
Sellers & Co., Inc., Wm..... 508
Underwood Corp., H. B..... 302

Box Car Loading Chutes—
Hendrick Manufacturing Co..... 332

Brake Beam Rigging—
American Steel Foundries..... 398

Brake Beams—
American Steel Foundries..... 398
Bradford Corp., The..... 680
Buffalo Brake Beam Co..... 778
Chicago Malleable Castings Co..... 128
Chicago Railway Equipment Co..... 624
Damascus Brake Beam Co..... 758
Davis Brake Beam Co..... 64

AMERICAN BRIDGE COMPANY

EMPIRE BUILDING, 71 BROADWAY, NEW YORK

Manufacturers of Steel Structures of all classes particularly BRIDGES AND BUILDINGS

TURNTABLES (Cantilever and Continuous Types)
CRANE RUNWAYS FORGINGS
VIADUCTS BARGES CAR FLOATS
TRANSMISSION TOWERS
HEROULT ELECTRIC FURNACES

SALES OFFICES:

NEW YORK, N. Y. - Empire Bldg. 71 Broadway
Philadelphia, Pa. - Widener Bldg. N.W. cor. Chestnut & Juniper Sts.
Boston, Mass. - 120 Franklin St.
Baltimore, Md. - Continental Bldg. Cor. Calvert & Baltimore Sts.
PITTSBURGH, PA. - Frick Bldg. 440 Fifth Ave.
Cincinnati, Ohio - Union Trust Bldg. 36 East 4th St.
Cleveland, Ohio - Rockefeller Bldg. 614 Superior Ave., West
Detroit, Mich. - - Buhl Bldg.
CHICAGO, ILL. - 208 South La Salle St.
St. Louis, Mo., Liberty Central Trust Bldg. 506 Olive St.
Denver, Col. - First National Bank Bldg. 820 17th St.
Salt Lake City, Utah, Walker Bank Bldg. 175 So. Main St.
Duluth, Minn. - Wolvin Bldg. 229-31 West First St.
Minneapolis, Minn. - 629 2d St., S. E.

Pacific Coast Representative:
U. S. Steel Products Co., Pacific Coast Dept.
SAN FRANCISCO, CAL - Rialto Bldg. 116 New Montgomery St.
Portland, Ore. - - Selling Bldg. 322 Alder St.
Seattle, Wash. 4th Ave. So. Cor. Conn St.
Los Angeles, Cal. - 2087 E. Slausen Ave.

Export Representative:
United States Steel Products Co., 30 Church St., N. Y.

Brake Chains—*See Chains.*

Brake Forgings—
McMyler Interstate Co..... 578
Schaefer Equipment Co..... 698

Brake Jaws—
De Remer-Blatchford Co..... 318
Natl. Malleable & Steel Castings Co. 426
National Railway Appliance Co.... 14
Schaefer Equipment Co..... 698
Steel Car Forge Co.. 606
Western Railway Equipment Co... 396

Brake Levers—
Blackall, Robert H..... 138
Natl. Malleable & Steel Castings Co. 426
Schaefer Equipment Co..... 698
Steel Car Forge Co..... 606
Talmage Mfg. Co..... 8
Western Railway Equipment Co... 396

Brake Mast Ratchet and Pawl—
Railway Devices Co..... 528

Brake Pins—
National Forge Co..... 116
Natl. Malleable & Steel Castings Co. 426
Steel Car Forge Co..... 606

Brake Shoe Keys—
De Remer-Blatchford Co..... 318
National Forge Co 116
Natl. Malleable & Steel Castings Co. 426
Steel Car Forge Co..... 606

Brake Shoes—
American Brake Shoe & Fdy. Co.... 522
American Locomotive Co..... 464
Inter-State Car & Foundry Co. 358
Railway Materials Co.....Footnotes
Wheel Truing Brake Shoe Co..... 782

Brake Slack Adjuster, Automatic—
Chicago Railway Equipment Co.... 624
Gould Coupler Co..... 532
Johns-Manville, Inc..... 316
Western Railway Equipment Co.... 396

Brake Staff (Drop)—
National Railway Appliance Co.... 14

Brake Wheels—
Marion Malleable Iron Wks..... 760
Natl. Malleable & Steel Castings Co. 426

Brakes—Hand—
Jemco Products Co..... 750

Brakes, for bending sheet metal—
Peck, Stow & Wilcox Co..... 764

Brass and Bronze Castings—
Adams & Westlake Co..... 330
Ajax Metal Co..... 60
American Abrasive Metals Co..... 802
American Locomotive Co..... 464
Bethlehem Steel Co.....368 & 626
Bronze Metal Co..... 770
Chicago Bearing Metal Co..... 288
Consolidated Mach. Tool Corp..... 124
Damascus Bronze Co 348
Edna Brass Mfg. Co..... 172
Eureka Brass Co..... 772
General American Car Co..... 706
Gilbert & Sons Brass Fdy. Co. A.... 788
Huron Mfg. Co..... ... 384
Keystone Bronze Co..... 10
Magnus Co., Inc..... 326
More-Jones Brass & Metal Co..... 792
Prime Manufacturing Co..... 346

Brass and Copper Rods and Sheets—
Standard Underground Cable Co.. 434

Brass & Copper Tubes (Seamless)—
Standard Underground Cable Co.. 434

Brass, Bronze & Copper—
Standard Underground Cable Co.. 434

Brass Fasteners (Binders)—
Rockwell-Barnes Co..... 436

Brass Sash—
Curtain Supply Co..... 84

Brass Wire—
Standard Underground Cable Co.. 434

Bridge and Building Paints—*See Paints (Bridge, Building & Depot.)*

Bridge and Tank Plates—
Bethlehem Steel Co.....368 & 626
Central Iron & Steel Co..... 134
Lukens Steel Co..... 172

Bridge Reamers—
Brubaker & Bros. Co., W. L..... 580
ClevelandPunch & Shear Works Co. 594

Bridge Timbers—
Exchange Sawmills Sales Co..... 366

Bridge Warnings—
Hastings Signal & Equipment Co... 588

Bridge Waterproofing—
Barber Asphalt Co..... 450

Bridges and Buildings—
American Bridge Co..... 66
Bethlehem Steel Co.....368 & 626
Indianapolis Switch & Frog Co..... 308
McMyler Interstate Co..... 578
Robertson Co., H. H..... 690

Bridges (Second Hand)—
Frank M. K..... 780

Broom Manufacturers—
Lang Broom Co..... 160
Wolfe Brush Co..... 160

Both Freight and Passenger Type

Shortest possible track space

THE DURABLE PATENTED BUMPING POST

Unusual strength, all metal, easy and cheap installation cost because all parts are above the ground. Notice the few parts used to produce this post of greatest strength, occupying the shortest possible track space.

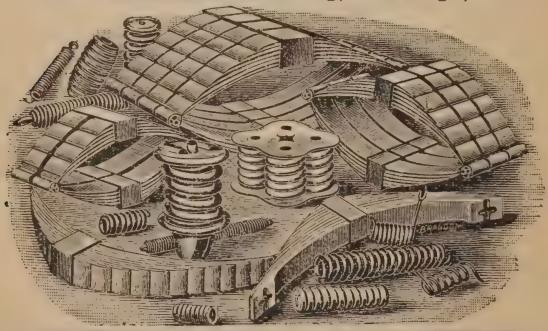
The Mechanical Manufacturing Co. .·. Chicago, Ill.

We also Manufacture the Ellis Post

H. A. NOBLE, President S. F. KRAUTH, Vice-President

PITTSBURGH SPRING AND STEEL CO.

1417 Farmers Bank Building, Pittsburgh, Pa.



Manufacturers of **SPRINGS** of every description

CHICAGO OFFICE:
1411 FISHER BUILDING
M. F. RYAN, Vice-Pres. and Western Representative

NEW YORK OFFICE:
2038 GRAND CENTRAL TERMINAL
J. N. BROWNRIGG, Vice-Pres. and Eastern Representative

Brush Manufacturers—
Devoe & Raynolds Co., Inc..... 434
Lang Broom Co..... 160
Rubberset Co..... 334
Whiting, John L.-J. J. Adams Co... 416
Wolfe Brush Co..... 160

Brushes (Carbon)—
National Carbon Co..... 274

Brushes, Steel Wire—
Lang Broom Co..... 160
Wolfe Brush Co..... 160

Buckets (Clamshell)—
See Clamshell Buckets.

Buckets (Elevator)—
Blaw-Knox Co..... 794
Browning Crane Co..... 756
Hendrick Manufacturing Co..... 332
McMyler Interstate Co..... 578
Orton Crane & Shovel Co..... 120

Buckets (Fire)—
Gray & Sons, Peter..... 786

Buffer Equipment—
Franklin Ry. Supply Co..... 76
Gould Coupler Co..... 532
Standard Coupler Co.....Footnotes

Buffet & Library Car Fixtures (Steel).
Hale-Kilburn Co..... 506

Builders' Hardware—
Richards-Wilcox Mfg. Co..... 100
Yale & Towne Mfg. Co..... 4

Building Felt (Asbestos)—*See Asbestos.*

Building Insulation—
Wood Conversion Co..... 72

Building Lumber—
Celotex Co..... 602

Building Papers—
Barber Asphalt Co..... 450
Barrett Co..... 360
Johns-Manville, Inc..... 316
Lehon Co..... 150
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152

Bulldozers—
Birdsboro Steel Fdy. & Mach. Co... 430
Chambersburg Engineering Co..... 162
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Southwark Foundry & Machine Co. 272
Wickes Bros..... 666
Williams, White & Co..... 144
Wood & Co., R. D..... 120

Bull Riveters (Pneumatic)—
Southwark Foundry & Machine Co. 272

Bumping Posts—
American Bridge Co..... 66
Buda Company..... 418
Chicago Malleable Castings Co..... 128
Hayes Track Appliance Co..... 364
Louisville Frog & Switch Co..... 108
Mechanical Mfg. Co..... 68

Bunks, Beds, Cots—
De Remer-Blatchford Co..... 318

Burners (Combustion Gas & Oil)—
Best Corp., W. N..... 776
North American Mfg. Co..... 752

Burners (Compressed Air, Paint, Oil)—
Best Corp., W. N..... 776

Burners, Oil (for Core Ovens, Annealing & Welding)—*See Fuel Oil Burners.*

Burners (Oil, Pumping Sets, Hydro-Carbon & Portable)—
Best Corp., W. N..... 776

Bus Seat Leather—
Stengel & Rothschild, Inc..... 136

Bushings—
Walworth Co.....Cover & 388

Buttons (Uniform)—
American Railway Supply Co..... 150

Cable Junction Boxes—
Standard Underground Cable Co.. 434

Cable Terminals—
Standard Underground Cable Co.. 434

Cables, Insulated (Submarine, Underground, Aerial)—
See Insulated Wire & Cables.

Cables (Lead Covered)—
Graybar Electric Co., Inc..... 268

Cables (Supertension)—
Okonite-Callender Cable Co..... 1

Cables (Wrecking, Towing, Etc.)—
American Cable Co..... 648
Roebling's Sons Co., John A..... 642

Caboose Jacks (Cast Iron)—
Dickinson, Inc., Paul..... 428

Calcium Carbide—
Air Reduction Sales Co..... 22

Caliper Gauges—
Liberty Machine Works 296
Pratt & Whitney Co..... 452

Calipers (Micrometer)—
Liberty Machine Works 296
Pratt & Whitney Co..... 452

Canvas Goods—
Chicago Flag & Decorating Co..... 96

Canvas Roofing—
Lehon Co., The..... 150
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152

Canvas (Waterproof)—
Lehon Co., The..... 150
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152

Caps and Uniforms—
American Railway Supply Co 150

Carbo-Oxygen Cutting & Welding Outfits & Supplies
Carbo-Oxygen Co..... 48

Carbon Brushes—
See Brushes (Carbon.

DIFFERENTIAL DOUBLE FULCRUM AIR DUMP CARS are noted for their low height, stability, ruggedness and simplicity. The bodies, with down folding doors, dump to either side and chute the material clear of the ballast. They require no locking mechanism to hold them in the central position.

Write for Bulletin D-15

THE DIFFERENTIAL STEEL CAR CO.

FINDLAY, OHIO

Carbon Papers and Manifold—
O'Malley Co., The M. J. 782
Remington Typewriter Co. 686
Underwood Typewriter Co. 468

Carborundum Wheels—
Carborundum Co 458

Card Holders—
Western Railway Equipment Co... 396

Car & Car Roof Cement—
Milar, Clinch & Co. 646

Car and Car Truck Paints—*See Paints (Car, Caboose, Locomotive, Truck, etc.)*

Car and Locomotive Replacers—
Aldon Co., The 760
Alexander Car Replacer Mfg. Co... 122
Buda Company 418
De Remer-Blatchford Co. 318
Du-Wel Steel Products Co. 750
Johnson Wrecking Frog Co. 580
Kalamazoo Ry. Supply Co. 444
Q & C Co. .....Cover & 402
Sherburne & Co. 362
Track Specialties Co. 750
Watson-Stillman Co. 664

Car Axles—*See Axles, Car & Locomotive (Steel).*

Car Barrows—
American Trackbarrow 392

Car Bolsters—
See Bolsters (Body and Truck).

Car Box Boring Machines—
Consolidated Mach. Tool Corp. 124
Manning, Maxwell & Moore, Inc. ... 476
Niles-Bement-Pond Co. 560

Car Boxes—
Natl. Malleable & Steel Castings Co. 426

Car Builders—
American Car & Foundry Co. 620
Bethlehem Steel Co. .....368 & 626
Bettendorf Co. .....Cover
Bradley Car Co., Osgood 414
Brill Co., J. G. 286
Buffalo Steel Car Co. 796
Clark Car Co 672
Differential Steel Car Co. 70
Ferguson-Allan Co. 472
General American Car Co. 706
Hyman Michaels Co 132
Illinois Car & Mfg. Co 96
Inter-State Car & Foundry Co. 358
Kalamazoo Ry. Supply Co. 444
Magor Car Corp. 354
Middletown Car Co 768
Mt. Vernon Car Mfg. Co. 798
Newport News Shipbuilding & Dry Dock Co. 710
Pressed Steel Car Co 660
Pullman Car & Mfg. Corp. 684

(*Continued on following column.*)

Car Builders—*Continued.*
Ralston Steel Car Co. 502
Richmond Car Works 96
Standard Steel Car Co. 606
Standard Tank Car Co. 376
Steel Car Co. 96
Western Wheeled Scraper Co. 298

Car Castings—*See Castings (Railroad).*

Car Ceilings—*See Head Linings (Fireproof.)*

Car Chocks—
American Chain Co. 350

Car Cleaning Compounds—
Aquart Mfg. Co. 764
Cleanola Co. 490
Ford Co., The J. B. 338
French Renovating Co. 154
Wilson-Imperial Co. .....756 & 772

Car Closets—
Adams & Westlake Co. 330
Dayton Manufacturing Co. 602
Duner Co. 788

Car, Coach and Engine Springs—
American Spiral Spring & Mfg. Co. 788
American Steel & Wire Co. 264
American Steel Foundries 398
Edgewater Steel Co. 498
Fort Pitt Spring & Mfg. Co. 792
Pittsburgh Spring & Steel Co. 68
Railway Steel-Spring Co. 382
Standard Steel Works Co. 380
Union Spring & Mfg. Co. 676

Car Couplers (Automatic)—
American Steel Foundries 398
Buckeye Steel Castings Co. 164
Gould Coupler Co. 532
McConway & Torley Co. 654
Natl. Malleable & Steel Castings Co. 426
Pratt & Letchworth Co. 762

Car Curtain Cleaner—
French Renovating Co. 154

Car Curtain Fixtures and Rollers—
Curtain Supply Co. 84
Edwards Co., O. M. 576
Morton Mfg. Co 302
National Lock Washer Co. 446
Tuco Products Corporation 600

Car Curtains and Shades—
Curtain Supply Co. 84
Morton Mfg. Co. 302
National Lock Washer Co. 446
Tuco Products Corporation 600

Car Derricks—
American Hoist & Derrick Co. 466

"GLOBE" CAR VENTILATORS

CREATE a steady outward draught regardless of weather conditions, wind direction, speed of car, or position of ventilator. They are simply and strongly constructed of Keystone copper bearing galvanized steel; are easily applied to any type of car roof and are particularly adapted to deck sash construction. Made with flat tops when desired. "Globe" Lamp Jacks insure a clear, steady flame. Blue print of car ventilators furnished on request.

Globe Ventilator Company - - Troy, N. Y.

WEYERHAEUSER FOREST PRODUCTS

Efficient Insulations

Balsam-Wool

Light Weight • Durable • Non-settling • Odorless
Fire-resistant • Unstitched

Balsam-Wool Refrigerator Car Insulation in addition to the above qualities is elastic, decay proof and the surfaces are impervious to moisture.

Balsam-Wool Steel Car Insulation meets all requirements for railway mail cars.

For samples and complete information address

WOOD CONVERSION COMPANY

310 S. Michigan Ave., Chicago • *Mills at Cloquet, Minn.*

Car Door (Box) Operator—
Camel Co. 290
National Ry. Devices Co. 752

Car Door Operators (Pneumatic)—
Consolidated Car Heating Co 762

Car Door Brackets, Equipment and Fasteners—
Camel Co. 290
Inter-State Car & Foundry Co. 358
Jones Car Door Co. 98
Midland Co. 322
Natl. Malleable & Steel Castings Co. 426
National Railway Appliance Co. 14
National Ry. Devices Co. 752
Sherburne & Co. 362
Western Ry. Equipment Co. 396
Youngstown Steel Door Co. 678

Car Door Checks—
Yale & Towne Mfg. Co. 4

Car Door Hangers—
Midland Co. 322

Car Door Insulation—
Celotex Co 602
Flaxlinum Insulating Co. 110
Nelson Mfg. Co., B. F 152
Tuco Products Corporation 600
Wood Conversion Co. 72

Car Door Locks—
Adams & Westlake Co. 330
Camel Co 290
Eagle Lock Co. 544
Fraim-Staymaker Hardware Co. .. 718
Jones Car Door Co. 98
Yale & Towne Mfg. Co. 4

Car Door Safety Stops—
Midland Co. 322

Car Doors (Metal)—
Camel Co. 290
Hutchins Car Roofing Co. 662
Jones Car Door Co. 98
Morton Mfg. Co. 302
Western Ry. Equipment Co. 396
Youngstown Steel Door Co. 678

Car Dumping Machines—
McMyler Interstate Co. 578

Car Ends (Steel)—
Chicago-Cleveland Car Roofing Co.. 784
Hutchins Car Roofing Co. 662
Standard Railway Equipment Co.. 324

Car Flooring (Composition)—
Amer. Mason Safety Tread Co. 704
Barber Asphalt Co. 450
Barrett Co. 360
Tuco Products Corporation 600

Car Flooring (Pressed Steel)—
Amer. Mason Safety Tread Co. 704
Morton Mfg. Co. 302

Car Forgings—*See Forgings.*

Car Heaters (Electric)—
Consolidated Car Heating Co. 762
Johns Manville, Inc. 316
Railway Utility Co. 622

Car Heaters (Refrigerator)—
Consolidated Car Heating Co. 762

Car Heating—
Consolidated Car Heating Co. 762
Gold Car Heating & Lighting Co. ... 420
Railway Utility Co. 622
Safety Car Heating & Lighting Co. 342
Sherburne & Co. 362
Vapor Car Heating Co. 294

Car Heating Fittings—
Consolidated Car Heating Co. 762
Walworth Co. ..... Cover & 388

Car Insulation—
Barber Asphalt Co. 450
Barrett Co. 360
Cabot, Inc., Samuel 112
Celotex Co. 602
Cork Import Corp. 698
Flaxlinum Insulating Co. 110
Johns-Manville, Inc. 316
Lehon Co., The 150
Nelson Mfg. Co., B. F 152
Ruberoid Co. 152
Wood Conversion Co. 72

Car Iron—
Burden Iron Co. (R. R. & S. S. Div.) 768

Car Journal Truing Machine—
Dunn Co., W. C. 794

Car Ladders—*See Ladders.* (*Freight Car*).

Car Lamps—
Adams & Westlake Co. 330
Dayton Manufacturing Co 602
General Electric Co. ..... Cover
Gray & Sons, Inc., Peter 786
Sherburne & Co. 362
Star Headlight & Lantern Co. 798

Car Lighting (Electric)—
Adams & Westlake Co. 330
Dayton Manufacturing Co 602
Edison Storage Battery Co. 540
Electric Storage Battery Co. 526
General Electric Co. ..... Cover
Gould Coupler Co. 532
Graybar Electric Co., Inc. 268
Loeffelholz Co. 702
Safety Car Heating & Lighting Co. 342
Sherburne & Co. 362

Car Lighting Fixtures—
Adams & Westlake Co. 330
Graybar Electric Co., Inc. 268

Car Liners (Paper)—
Kenney Car Liner & Bag Co. 568

Carlines—
Camel Co. 290
Chicago-Cleveland Car Roofing Co. 784
Hutchins Car Roofing Co. 662
Pressed Steel Car Co. 660
Standard Railway Equipment Co.. 324
Steel Car Forge Co. 606

"GOAT CHASE BRAND"

CAR PLUSH

Made by
Sanford Mills - - - Sanford, Maine

Standard Unto the Second Generation

Chase Goat Brand Car Plush has the unqualified endorsement of America's leading railroads—combining beauty with extraordinary wearing qualities to a greater extent than any other woven upholstery fabric.

"Best For Busses Too"

L. C. CHASE & CO. - - - BOSTON
New York Detroit San Francisco Chicago

SOMETHING NEW

HARVEY FRICTION BOLSTER CUSHION

to take the place of nests of springs on cars, tenders, etc.

HARVEY FRICTION DRAFT SPRINGS

DETROIT METAL WEATHER STRIPS

THE FROST RAILWAY SUPPLY CO.
Penobscot Building, Detroit

Car Lining—
Cabot, Inc., Samuel 112
Celotex Co. 602
Cork Import Corp. 698
Flaxlinum Insulating Co. 110
Wood Conversion Co. 72

Car Movers—
Aldon Co., The 760
Brown Hoisting Machy. Co., Inc. 448
Gifford-Wood Co. 526
Kalamazoo Ry. Supply Co 444
McMyler Interstate Co. 578
Mechanical Mfg. Co. 68
Verona Tool Works 628

Car Plush—
Chase & Co., L. C. 74
Mass. Mohair Plush Co. 364

Car Plush Dye—
French Renovating Co. 154
Wilson Imperial Co. ..... 756 & 772

Car Plush Renovator—
Chase & Co., L. C. 74
French Renovating Co. 154

Car Repairs—
Buffalo Steel Car Co. 796
Ferguson-Allan Co. 472
Illinois Car & Mfg. Co. 96
Inter-State Car & Foundry Co. 358
Magor Car Corp. 354
Newport News Shipbuilding & Dry Dock Co. 710
Pullman Car & Mfg. Corp. 684
Richmond Car Works 96
Southern Iron & Equipment Co. 792
Standard Tank Car Co. 376
Steel Car Co. 96

Car Replacers—
See Car and Locomotive Replacers.

Car Retarders (Electric)—
General Ry. Signal Co. 2

Car Roof Coating (Cement)—
Lucas Co., Robert M. 58

Car Roofing (Plastic)—
Barber Asphalt Co. 450
De Remer-Blatchford Co. 318
Hutchins Car Roofing Co. 662
Lehon Co., The 150
Nelson Mfg. Co., B. F. 152
Ruberoid Co. 152
Standard Railway Equipment Co. 324

Car Roofing (Torsion)—
Nelson Mfg. Co., B. F. 152

Car Roofs—
Chicago-Cleveland Car Roofing Co. 784
De Remer-Blatchford Co. 318
Flaxlinum Insulating Co. 110
Hutchins Car Roofing Co. 662
Johns-Manville, Inc. 316
Lehon Co. 150
National Ry. Appliance Co 14
Nelson Mfg. Co., B. F. 152
Ruberoid Co. 152
Standard Ry. Equipment Co. 324
Tuco Products Corporation 600

Car Roofs (Metal)—
Chicago-Cleveland Car Roofing Co. . 784
Hutchins Car Roofing Co. 662
Standard Railway Equipment Co. . 324

Car Seals and Sealing Presses—
American Railway Supply Co 150

Car Seats—
Adams & Westlake Co. 330
American Car & Foundry Co. 620
Hale-Kilburn Co 506
Heywood-Wakefield Co. 504

Car Seat Enamel—*See Enamels.*

Car Seat Leather—
Stengel & Rothschild, Inc. 136

Car Seat Springs—
American Steel & Wire Co. 264

Car Shades—*See Car Curtains & Shades.*

Car Shop Tools—
Chambersburg Engineering Co. 162
Consolidated Mach. Tool Corp. 124
Davis Boring Tool Co. 534
Kinsey Co., Inc., The E. A. 756
Liberty Machine Works 296
Manning, Maxwell & Moore, Inc. 476
Niles-Bement-Pond Co. 560
Sellers & Co. (Inc.) Wm. 508
Southwark Foundry & Mach. Co. 272
Vandyck Churchill Co. 154
Wood & Co., R. D. 120

Car Shop Tools (Wood Working)—
See Wood Working Machinery.

Car Springs—
See Car, Coach and Engine Springs.

Car Steps and Treads—
American Abrasive Metals Co. 802
Amer. Mason Safety Tread Co. 704
Morton Mfg. Co. 302
Quaker City Rubber Co. 404
Tuco Products Corp. 600
Wood Co., Guilford S. 510

Car Stops—
Track Specialties Co. 750

Car Trimmings—
Adams & Westlake Co. 330
Dayton Mfg. Co. 602
Loeffelholz Co. 702

Car Truck Roller Bearings—
Timken Roller Bearing Co. Cover & 644

Car Trucks—*See Trucks (Car & Engine)*

Car Trucks (Mine)—
Southern Wheel Co. 650

Car Ventilators—
Consolidated Car Heating Co. 762
Globe Ventilator Co 72
Gold Car Heating & Lighting Co. 420
Gray & Sons, Inc., Peter 786
Mudge & Co. 516
Railway Utility Co. 622
Tuco Products Co. 600
Vapor Car Heating Co. 294

Car Wheel Borers—
Davis Boring Tool Co., Inc. 534
Liberty Machine Works 296
Manning, Maxwell & Moore, Inc. 476
Niles-Bement-Pond Co. 560

Car Wheel Circumference Gauges—
Pratt & Whitney Co. 452

FACTORS THAT INCREASE LOCOMOTIVE EFFECTIVENESS

•

Franklin Railway Supply Co., Inc.

17 East 42nd Street, New York

332 So. Michigan Ave. Chicago, Ill.

Boatmens Bank Bldg. St. Louis, Mo.

774 Monadnock Bldg., San Francisco, Cal.

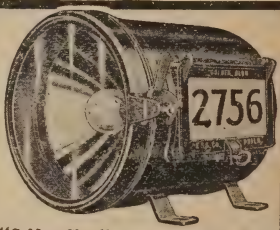
Franklin Railway Supply Company, Limited, Montreal

Export Department—International Railway Supply Co.—30 Church St., New York

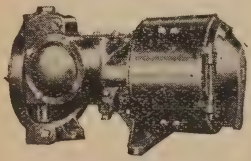
KEYSTONE

LOCOMOTIVE HEADLIGHT EQUIPMENT

Write for a set of bulletins on this complete Keystone Headlight equipment



"Golden Glow" Locomotive Headlight



Keystone Turbo-Generator

Keystone Headlight Switch

ELECTRIC SERVICE SUPPLIES CO.

PHILADELPHIA 17th and Cambria Streets

NEW YORK 50 Church Street

CHICAGO Monadnock Building

Branch Offices—Boston, Pittsburgh, Scranton

Car Wheel Foundry Equipment—
Whiting Corporation..... 554
Car Wheel Lathes—
Consolidated Mach. Tool Corp..... 124
Niles-Bement-Pond Co..... 560
Ryerson & Son, Jos. T..... 616
Car Wheel Presses (Hydraulic)—
Birdsboro Steel Fdy. & Mach. Co... 430
Chambersburg Engineering Co..... 162
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Ryerson & Son, Jos. T..... 616
Southwark Foundry & Machine Co. 272
Watson-Stillman Co..... 664
Wood & Co., R. D..... 120
Car Wheel Tires—*See Tires (Steel).*
Car Wheels—
See Wheels (Car & Locomotive.)
Car Wheels (Cast Steel)—
Parsons Co..... 658
Car Wheels (Chilled Iron)—
American Car & Foundry Co..... 620
Bradley Car Co., Osgood..... 414
Mt. Vernon Car Mfg. Co..... 798
Pullman Car & Mfg. Corp..... 684
Southern Wheel Co..... 650
Car Wheels (Forged Steel)—
American Steel Foundries..... 398
Carnegie Steel Co..... 280
Edgewater Steel Co..... 498
Forged Steel Wheel Co..... 458
Pullman Car & Mfg. Corp..... 684
Standard Steel Works Co..... 380
Car Window Balances—
Adams & Westlake Co..... 330
Edwards Co., O. M..... 576
National Lock Washer Co..... 446
Tuco Products Corporation..... 600
Car Window Fixtures—
Adams & Westlake Co..... 330
Curtain Supply Co..... 84
Edwards Co., The O. M..... 576
Morton Mfg. Co..... 302
National Lock Washer Co..... 446
Tuco Products Corporation..... 600
Car Window Locks—
Adams & Westlake Co..... 330
Morton Mfg. Co..... 302
National Lock Washer Co..... 446
Car Window Screens—
Tuco Products Corporation..... 600
Card Cases—
Van Dorn Iron Wks. Co..... 338
Carriers (Overhead)—
Richards-Wilcox Mfg. Co..... 100
Yale & Towne Mfg. Co..... 4
Cars—*See Car Builders.*
Cars—Hand, Inspection & Push—
See Hand Inspection and Push Cars.
Cars—Motor (Inspection and Section)
See Motor Cars.
Cars (Second Hand)—
Hyman Michaels Co..... 132
Inter-State Car & Foundry Co..... 358
Southern Iron & Equipment Co.... 792
Wilson & Co., E. H..... 300

Castings (Brass & Bronze)—
See Brass and Bronze Castings.
Castings (Grey Iron)—
American Abrasive Metals Co..... 802
American Locomotive Co..... 464
Bethlehem Steel Co.....368 & 626
General American Car Co..... 706
Gifford-Wood Co..... 526
Inter-State Car & Foundry Co..... 358
Lorain Steel Co..... 488
Midvale Co..... 460
Newport News Shipbuilding & Dry Dock Co..... 710
Standard Steel Works Co..... 380
Castings (Locomotive)—
See Castings (Railroad).
Castings (Malleable Iron)—
See Malleable Iron Castings.
Castings (Manganese Steel)—
Amer. Manganese Steel Co..... 270
Castings (Railroad)—
Ajax Metal Co..... 60
American Abrasive Metals Co..... 802
American Brake Shoe & Fdry. Co.. 522
American Car & Foundry Co..... 620
American Locomotive Co..... 464
American Steel Foundries..... 398
Bethlehem Steel Co.....368 & 626
Bradley Car Co., Osgood..... 414
Bronze Metal Co..... 770
Buckeye Steel Castings Co..... 164
Chicago Bearing Metal Co..... 288
Chicago Ry. Signal & Supply Co.... 86
Commercial Steel Casting Co..... 462
Commonwealth Steel Co..... 162
Consolidated Mach. Tool Corp..... 124
Damascus Bronze Co..... 348
Decatur Malleable Iron Co..... 752
Duquesne Steel Fdry. Co..... 118
Edgewater Steel Co..... 498
Edna Brass Mfg. Co..... 172
Eureka Brass Co..... 772
Gilbert & Sons Brass Foundry Co. A 788
Hubbard Steel Fdy. Co..... 688
Hunt-Spiller Mfg. Corp..... 484
Inter-State Car & Foundry Co..... 358
Keystone Bronze Co..... 10
Loeffelholz Co..... 702
Marion Malleable Iron Works..... 760
McConway & Torley Co..... 654
Midvale Co..... 460
More-Jones Brass & Metal Co..... 792
Mt. Vernon Car Mfg. Co..... 798
Natl. Malleable & Steel Castings Co. 426
Newport News Shipbuilding & Dry Dock Co..... 710
Nugent Steel Castings Co., The..... 762
Pittsburgh Steel Foundry Corp.... 800
Pratt & Letchworth Co..... 762
Pullman Car & Mfg. Co..... 684
Reading Steel Casting Co., Inc..... 586
Scullin Steel Co..... 108
Standard Steel Works Co..... 380
Symington Co., The..... 474
Union Steel Casting Co..... 760
Western Ry. Equipment Co..... 396
Wharton, Jr., & Co., Wm..... 292
Woodman Ry. Supply Co..... 134

We Have Been Making

BESLY TAPS

for Every Purpose for Over 30 Years

Those who have used Besly Taps will not be satisfied with anything less. They have become accustomed to Besly stamina and accuracy — they know the value of *good* threading tools. Besly Taps cost no more in the beginning and they always pay in the end.

Ask for Our Catalog

Charles H. Besly & Company

128 North Clinton Street, Chicago

Works, Beloit, Wisconsin

Quick Permanent Repairs

BY THE

Thermit Welding Process

Repairs broken locomotive frames without dismantling the engine. Keeps engine out of commission only one or two days. Equally valuable for welding mud rings, driving wheel spokes, cross-heads and all other broken wrought iron and steel sections.

Full information given in our pamphlet No. 2152 and "Reactions," the Thermit Quarterly

METAL & THERMIT CORPORATION

120 Broadway, New York

Boston Chicago S. San Francisco
Pittsburgh Toronto

Castings (Steel)—*See Steel Castings.*

Castings, Steel (Open Hearth)—
Commercial Steel Casting Co..... 462
Hubbard Steel Fdy. Co..... 688
Lorain Steel Co..... 488

Cast Steel Ash Pans—
Commonwealth Steel Co..... 162

Cast Steel Draft Sills, Side Frames, Spring Planks—
American Steel Foundries..... 398
Pittsburgh Steel Foundry Corp.... 800
Reading Steel Casting Co..... 586
Universal Draft Gear Attach. Co... 88

Cast Steel Draw Bar Yokes—
Buckeye Steel Casting Co..... 164
Hubbard Steel Fdy. Co..... 688
Natl. Malleable & Steel Castings Co. 426
Reading Steel Casting Co..... 586
Universal Draft Gear Attach. Co... 88

Cast Steel Engine Trucks—
Commonwealth Steel Co..... 162

Cast Steel Truck Bolsters & Frames—
American Steel Foundries..... 398
Bettendorf Co..... Cover
Buckeye Steel Casting Co..... 164
Natl. Malleable & Steel Castings Co. 426
Pittsburgh Steel Foundry Corp.... 800
Reading Steel Casting Co..... 586
Scullin Steel Co..... 108

Cast Steel Wheels—
American Steel Foundries..... 398
Reading Steel Casting Co..... 586

Catenary Materials—
Adams & Westlake Co..... 330
Ohio Brass Co..... 146

Cattle Guards—
Fairbanks, Morse & Co..... 260
Kalamazoo Ry. Supply Co..... 444

Caulking Hammers—
Oldham & Son Co., Geo..... 148

Caustic Soda Cells—
Edison, Inc., Thos. A..... 604
National Carbon Co., Inc..... 274

Cellar Bolts—
Van Dorn Iron Wks. Co..... 338

Cement (Asphalt)—
Arco Company..... 486
Barber Asphalt Co..... 450
De Remer-Blatchford Co..... 318
Milar, Clinch & Co..... 646
Minwax Co., Inc..... 106
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152

Cement Coating—
Arco Company..... 486
Barber Asphalt Co..... 450
Berry Bros..... 374
Glidden Co., The..... 352
Lucas Co., Robert M..... 58
Milar, Clinch & Co..... 646
Minwax Co., Inc..... 106

Cement Felting—
Barber Asphalt Co..... 450
Johns-Manville, Inc..... 316
Nelson Mfg. Co., B. F..... 152

Cement for Grade Crossings & Station Platforms—
Barber Asphalt Co..... 450

Cement (Plastic)—
Arco Company..... 486
Barber Asphalt Co..... 450
Glidden Co., The..... 352
Lucas Co., Robert M..... 58
Milar, Clinch & Co..... 646
Ruberoid Co..... 152

Cement, Rubber—
New York Belting & Packing Co.... 310

Centering Machines—
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Pratt & Whitney Co..... 452

Centre and Side Bearings—
See Bearings (Centre and Side).

Centre Plates—
American Steel Foundries..... 398
Marion Malleable Iron Works..... 760
Natl. Malleable & Steel Castings Co. 426
Standard Car Truck Co..... 554
Standard Forgings Co..... 688
Standard Ry. Equipment Co..... 324
Steel Car Forge Co..... 606
Woods & Co., Edwin S..... 344

Centrifugal Pumps—
American Well Works, The..... 412
Fairbanks, Morse & Co..... 260
Frederick Iron & Steel Co..... 800
Ingersoll-Rand Co..... 56

Chain Blocks—
Ford Chain Block Co..... 6
Richards-Wilcox Mfg. Co..... 100
Yale & Towne Mfg. Co..... 4

Chain Hoists (Self Lubricating)—
Ford Chain Block Co..... 6
Richards-Wilcox Mfg. Co..... 100
Yale & Towne Mfg. Co..... 4

Chain Tapes—
Lufkin Rule Co..... 770
Wiebusch & Hilger..... 770

Chains—
American Chain Co..... 350
Bradley Car Co., Osgood..... 414
Steel Car Forge Co..... 606
U. S. Chain & Forging Co..... 778

Chains (Block)—
American Chain Co..... 350

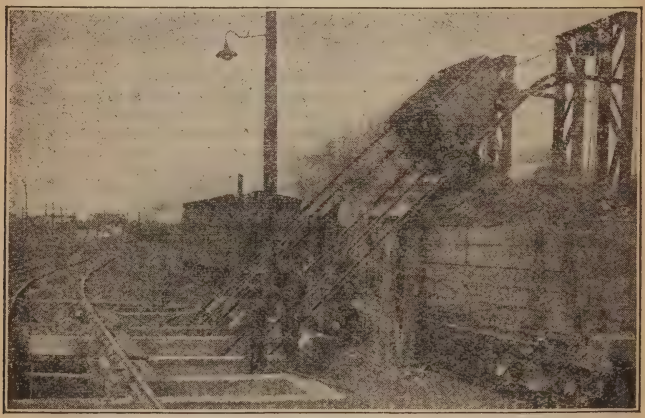
Chains (Sprocket Wheel)—
American Chain Co..... 350

The TRACKLESS TRAIN

PIONEER and Exclusive Manufacturer of Electric Tractors and all kinds of trucks and trailer equipment for freight house and shop use.

MERCURY MANUFACTURING COMPANY

CHICAGO **U. S. A.**



ROBERTSON CINDER CONVEYOR

PNEUMATIC SAND HOIST
ROBERTSON'S SAND DRYER

SAND TOWER AND STORAGE TANK
ROBERTSON'S SAND VALVE

WM. ROBERTSON & CO. -:- 509 Great Northern Bldg., CHICAGO

Chairs (Parlor Car)—
Hale-Kilburn Co. 506
Heywood-Wakefield Co. 504

Channel Pins—
Railroad Supply Co. .....Cover & 24

Charcoal Iron Tubes—
See Boiler Tubes (Knobbled, Hammered Charcoal Iron).

Charging Sets (Battery)—
Fairbanks, Morse & Co. 260
Transportation Engineering Corp.. 548

Chaser Grinder—
Landis Machine Co., Inc. 536

Chasers—
Brubaker & Bros. Co., W. L. 580

Check Dampers—
Dunham Co., C. A. 410

Chemical Fire Extinguishers—
Castle, James M., Inc. 610
Johns-Manville, Inc. 316

Chemists—
Hunt Co., Robt. W. 508
Laverie & Sons, Inc., R. H. 632
Pittsburgh Testing Laboratory 272

Chilled Iron Car Wheels—
Southern Wheel Co. 650

Chimneys—
Adams & Westlake Co. 330
Blackall, Robert H. 138
Gray & Sons, Peter 786
Star Headlight & Lantern Co. 798

Chimneys, Cast-Iron—
Dickinson, Inc., Paul 428

Chipping Hammers—
See Pneumatic Tools.

Chisel Blanks—
Chicago Pneumatic Tool Co. 16
Cleveland Pneumatic Tool Co. 142
Keller, Inc., William H. 456
King Pneumatic Tool Co. 148

Chisel Steel—
Ludlum Steel Co. 764

Chrome Steel—
Ludlum Steel Co. 764

Chrome Vanadium Steel—
Ludlum Steel Co. 764

Chucks—
Chicago Pneumatic Tool Co. 16
Consolidated Mach. Tool Corp. 124
Niles-Bement-Pond Co. 560

Chutes for Box Car Loading—
Hendrick Mfg. Co. 332

Cinder Conveyors—
See Conveying Machinery.

Cinder Pit Ejectors—
Conveyors Corp. of Amer. 432

Cinder Pit Hydrants—
See Hydrants (Cinder Pit, Fire, Water, Yard.)

Circles for Disc Grinders—
Besly & Co., Chas. H. 78

Circuit Breakers—
Cutter Co. 782
General Electric Co. .....Cover
Graybar Electric Co., Inc. 268
Railroad Supply Co. .....Cover & 24

Circular Saws—
Atkins & Co., E. C. 492

Clamps (Guy)—
Marion Malleable Iron Works 760
Steel Car Forge Co. 606

Clamps (Hose)—*See Hose Clamps.*

Clam Shell Buckets—
Blaw-Knox Co 794
Brown Hoisting Machinery Co. 448
Industrial Works 564
McMyler Interstate Co. 578

Claw Bars—
Hubbard & Co. 656
Iron City Tool Works 480
Kalamazoo Ry. Supply Co. 444
Verona Tool Works 628
Woodings Forge & Tool Co. 708

Cleaning Brushes *See Brush Mfrs.*

Coach, Car and Carriage Brushes—
See Brush Manufacturers.

Coach Hoists—
Whiting Corporation 554

Coach Roof Paints—
See Paints (Coach Roof).

Coach Varnish (Finishing & Rubbing)—
Arco Company 486
Berry Bros. 374
Du Pont de Nemours & Co., E. I. 354
Glidden Co., The 352

Coaches (Gasoline Motor)—
Brill Co., J. G. 286

Coaches (Second Hand)—
See Cars (Second Hand).

Coal Chutes—
Chicago Bridge & Iron Works 372
Gifford-Wood Co. 526
Snow Construction Co., T. W. 678
Williams, White & Co. 144

Coal Handling Machinery—
American Hoist & Derrick Co. 466
Brown Hoisting Machinery Co. 448
Conveyors Corp. of America 432
Fairbanks, Morse & Co. 260
Gifford-Wood Co. 526
Industrial Works 564
McMyler Interstate Co. 578
Orton Crane & Shovel Co. 120

Coal Mining Machinery & Cutters—
Chicago Pneumatic Tool Co..... 16
Ingersoll-Rand Co..... 56
Sullivan Machinery Co 582

Coal Scoops and Shovels—*See Shovels.*

Coal Screens—
Gifford-Wood Co..... 526
Hendrick Mfg. Co..... 332

Coal Separators—
See Separators (Coal).

Coal Storage Machinery—
See Coal Handling Machinery.

Coal Tar—
Barrett Co..... 360

Coal Tipples—
American Bridge Co..... 66
Fairbanks, Morse & Co..... 260

Coaling Stations—
See Locomotive Coaling Stations.

Coffee Urn Bags—
Chicago Flag & Decorating Co..... 96

Cold Drawn Seamless Tubes—
Detroit Seamless Steel Tubes Co.... 754
National Tube Co..... 20

Cold Rolled Strip Steel—
Ryerson & Son, Jos. T..... 616

Cold Storage and Refrigerator Car Insulation—
Barber Asphalt Co..... 450
Barrett Co..... 360
Cabot Samuel, Inc..... 112
Cork Import Corp..... 698
Flaxlinum Insulating Co..... 110
Johns-Manville, Inc..... 316
Lehon Co..... 150
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152

Collapsible Pipe Taps—
Landis Machine Co., Inc..... 536

Colors—
Acme White Lead & Color Works.. 588
Arco Company..... 486
Detroit Graphite Co 538
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Kay & Ess Co..... 548
Long, Jr., Co., Chas. R..... 790
Sherwin-Williams Co..... 786

Composition Floors for Steel Cars, Stations, Etc.
See Car Flooring (Composition.)

Compound (Hot Box)—
Gill Railway Supply Co 118

Compressors (Air, Gas & Ammonia)—
See Air Compressors.

Compromise Joints—
American Chain Co..... 350
Du-Wel Steel Products Co..... 750
Lorain Steel Co..... 488
Morden Frog & Crossing Works.... 406
Q & C Co.....Cover & 402
Track Specialties Co..... 750

Concrete Battery Wells—
Massey Concrete Products Corp.... 800
Railroad Supply Co.....Cover & 24

Concrete Cutting Guns—
Rivet Cutting Gun Co..... 594

Concrete Paints—
Arco Company..... 486
Glidden Co., The..... 352
Minwax Co., Inc..... 106
Ruberoid Co..... 152

Concrete Pipe, Posts & Poles—
Massey Concrete Products Corp.... 800

Concrete, Reinforced—
American Steel & Wire Co..... 264

Concrete Waterproofing—
Ruberoid Co..... 152

Conductors' Punches—
American Railway Supply Co..... 150

Conduits—
Graybar Electric Co., Inc..... 268
Johns-Manville, Inc..... 316

Connecting Rods—
McMyler Interstate Co..... 578
Midvale Co..... 460

Contractors' Camp Buildings—
Celotex Co..... 602

Contractors' Lights—
See Portable Lights.

Contractors' Locomotives—
See Locomotives (Second Hand)

Contractors' Supplies—
American Hoist & Derrick Co..... 466
Browning Crane Co..... 756
Chicago Pneumatic Tool Co..... 16
Kalamazoo Ry. Supply Co..... 444
Lima Locomotive Works, Inc..... 570
Milburn Co., The, Alexander..... 494
Sherburne & Co..... 362
Wyoming Shovel Works..... 156

Controller Parts—
General Electric Co..... .....Cover
Johns-Manville, Inc..... 316
Westinghouse Electric & Mfg. Co... 512

Conveying Machinery—
Conveyors Corp. of America..... 432
Gifford-Wood Co..... 526
McMyler Interstate Co..... 578
Orton Crane & Shovel Co..... 120
Robertson & Co., Wm..... 80

Coolers (Water)—
Adams & Westlake Co..... 330
Giessel Co., Henry 314

Copper Clad Wire—
Copperweld Steel Co..... 322
Standard Underground Cable Co... 434

Copper Paint—
Arco Company..... 486
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Kay & Ess Co..... 548

Copper Tubes (Seamless)—
See Brass & Copper Tubes (Seamless)

Copper Wire—*See Wire (all kinds).*

Copying Pencils—
Dixon Crucible Co., Jos..... 26
Koh-i-noor Pencil Co..... 692

Correspondence Schools—
International Correspondence Schools..... 386

Corrugated Roofing & Siding—
Ryerson & Son, Jos. T..... 616

Cotter Keys—
Columbia Nut & Bolt Co..... 346

Cotter Pins—
American Chain Co..... 350

Cotton and Wool Waste—*See Waste.*

Countersinks—
Clark Equipment Co..... 584

Coupler Pocket Pins—
National Forge Co..... 116

Coupler Pocket Rivets—
Burden Iron Co. (R. R. & S. S. Div.) 768

Couplers—*See Car Couplers (Automatic).*

Crane Chains—
American Chain Co..... 350

Crane Trucks (Electric)—
Baker-Raulang Co..... 304
Crescent Truck Co..... 436
Elwell-Parker Electric Co..... 320
Transportation Engineering Corp. 548

Crane Trucks (Shop)—
Baker-Raulang Co..... 304
Crescent Truck Co..... 436
Elwell-Parker Electric Co..... 320
Transportation Engineering Corp.. 548

Cranes—
American Hoist & Derrick Co..... 466
Brown Hoisting Machinery Co. (Inc.) 448
Browning Crane Co..... 756
Chambersburg Engineering Co..... 162
Cleveland Crane & Engineering Co. 300
Consolidated Mach. Tool Corp..... 124
Detroit Hoist & Machine Co..... 290
Ferguson-Allan Co..... 472
Independent Pneumatic Tool Co... 140
Industrial Works..... 564
Manning, Maxwell & Moore..... 476
McMyler Interstate Co..... 578
Niles-Bement-Pond Co..... 560
Orton Crane & Shovel Co..... 120
Richards-Wilcox Mfg. Co..... 100
Sellers & Co., Inc., Wm..... 508
Southern Iron & Equipment Co.... 792
Westinghouse Electric & Mfg. Co... 512
Whiting Corporation..... 554
Yale & Towne Mfg. Co..... 4

Cranes (Electric)—*See Electric Cranes.*

Cranes (Hand Power and Pneumatic)—
Consolidated Mach. Tool Corp..... 124
Detroit Hoist & Machine Co..... 290
Independent Pneumatic Tool Co... 140
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Richards-Wilcox Mfg. Co..... 100
Whiting Corporation..... 554
Young Mfg. Co., R. W..... 794

Cranes (Hydraulic)—
Chambersburg Engineering Co..... 162

Cranes (Jib)—
Richards-Wilcox Mfg. Co..... 100
Yale & Towne Mfg. Co..... 4

Cranes (Locomotive)—
See Locomotive Cranes.

Cranes (Overhead)—
Richards-Wilcox Mfg. Co..... 100
Yale & Towne Mfg. Co..... 4

Cranes (Rail Handling)—
Parsons Co..... 658

Cranes (Traveling)—
See Traveling Cranes.

Cranes (Water)—*See Water Columns.*

Crank Pin, Crosshead Pin & Knuckle Pin Nuts—
Van Dorn Iron Wks. Co..... 338

Crank Pin Presses—
Watson-Stillman Co..... 664

Crank Pin Turner (Portable)—
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Pedrick Tool & Machine Co..... 630
Underwood Corp., H. B..... 302

THE CURTAIN SUPPLY COMPANY

CAR CURTAINS.

We introduced and have been supplying Car Curtains to the Railway trade for over 25 years.

RING FIXTURES.

Our latest design and the best of all curtain fixtures.

REX ROLLERS.

All metal, adjustable, extra strong to stand hard service.

REX VESTIBULE CURTAINS.

Equipped with Self Releasing Rex Handle, Rex Steel Rollers, Rex Opening Shield with Bracket to fit any car—and Roller-Bearing Hooks—will greatly reduce Vestibule Curtain expense.

REX CANVAS DIAPHRAGMS.

Treated Waterproof and Fire Resisting. Special Sloping Top. One Piece Corners. Angle Iron Truss.

REX STEEL DIAPHRAGMS.

Weatherproof—Noiseless—No parts to wear and be replaced—Will last as long as any other steel car parts.

REX BRASS SASH.

Eliminates Maintenance Cost. Increases Glass Area. Improves Appearances. Has large scrap value in case of accidents. No binding due to swelling and insures easy operation of sash.

REX METAL WEATHER STRIP.

Prevents rattle and keeps out the weather.

REX DECK SASH RATCHET.

Simple construction permitting sash to be removed from car without removing screws from sash.

Descriptive Data and Prices on Request. Address

THE CURTAIN SUPPLY COMPANY

General Office and Factory—Elkhart, Ind.
Pacific Coast Factory—Los Angeles, Cal.

355-357 West Ontario St., Chicago, Ill. **50 Church Street, New York, N. Y.**

Crank Pins—
American Locomotive Co..... 464
Johnson & Co., J. R..... 794
Midvale Co..... 460

Crankshaft Turning Equipment—
Wickes Bros..... 666

Crayons—
Dixon Crucible Co., Joseph..... 26

Creepchecks—
Anchor Co..... 58
Creepcheck Co., Inc..... 780
Natl. Malleable & Steel Castings Co. 426
Positive Rail Anchor Co..... 504
Q & C Company.....Cover & 402

Creosote Oil—
Barrett Co..... 360

Creosote Paint—
Acme White Lead & Color Works.. 588
Arco Company..... 486
Du Pont de Nemours & Co., E. I.... 354
Kay & Ess Co..... 548
Sherwin-Williams Co..... 786

Creosote Shingle Stains—
Arco Co..... 486
Cabot, Samuel, Inc..... 112

Creosote Stains—
Arco Company..... 486
Barrett Co..... 360
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352

Cross-Arms (Steel)—
Pittsburgh Steel Co..... 652

Cross-Arms (Wood)—
Graybar Electric Co., Inc..... 268

Cross-Cut Saws—
Atkins & Co., E. C..... 492

Cross Head Shoe Babbitt—
Ajax Metal Co..... 60
Damascus Bronze Co..... 348

Cross Patent Lip Screens—
Hendrick Mfg. Co..... 332

Cross Ties—
See Ties (Wood.)

Crossing Alarms—
Chicago Ry. Signal & Supply Co.... 86
Du-Wel Steel Products Co..... 750
Gray & Sons, Inc., Peter..... 786
Louisville Frog & Switch Co..... 108
Pneumatic Gate Co 466
Railroad Supply Co.....Cover & 24

Crossing Gates—
Buda Co..... 418
Kalamazoo Ry. Supply Co..... 444
Pneumatic Gate Co 466
Stewart Iron Works Co..... 598

Crossing Signals—
Buda Company..... 418
Chicago Ry. Signal & Supply Co.... 86
General Railway Signal Co..... 2
Louisville Frog & Switch Co..... 108
Lundy Co., E. A..... 482
Railroad Supply Co.....Cover & 24

Crossings—*See Frogs & Crossings.*

Crucibles—
Dixon Crucible Co., Jos..... 26

Crucible Steel—
Firth-Sterling Steel Co..... 786

Crushers for Coal—
Orton Crane & Shovel Co..... 120

Crushers (Rock)—
Western Wheeled Scraper Co..... 298

Culvert Pipe—
Massey Concrete Products Corp.... 800

Cupolas—
Whiting Corporation..... 554

Curtain Fixtures—
See Car Curtain Fixtures and Rollers.

Curtains (Steel Rolling, Fireproof)—
Richards-Wilcox Mfg. Co..... 100
Wilson Corp., J. G..... 88

Cushions (Bolster)—
Frost Railway Supply Co..... 74

Cut-Off Controls (Automatic)—
Transportation Devices Corp..... 326

Cutters—
Goddard & Goddard Co 442

Cutters (Pipe)—
Walworth Co.....Cover & 388

Cutting Apparatus—
Air Reduction Sales Co..... 22
Carbo-Oxygen Co..... 18
K-G Welding & Cutting Co..... 124
Milburn Co., The. Alexander..... 494
Oxweld Railroad Service Co..... 484
Safety Car Heating & Lighting Co. 342
Torchweld Equipment Co..... 468

Cutting Lubricant—
Gill Railway Supply Co..... 118

Cutting Oils—*See Oils Cutting.*

Cutting Oil Reclaiming Systems—
Bowser & Co., S. F..... 454

Cylinder Boring Bars—
Underwood Corp., H. B..... 302

Cylinder Cocks—
Frederick Iron & Steel Co..... 800
Huron Mfg. Co 384
Prime Manufacturing Co..... 346
U. S. Metallic Packing Co..... 312

COOK DEEP WELL PUMPS

FOR CAPACITIES UP TO 500 GALLONS PER MINUTE

FIG. No 50A

Steam Deep Well Pumps

Electric Motor Driven Deep Well Pumps

Single Stroke — Double Acting
Two Stroke Self Oiling

Octagon Wood Pump Rods (Sucker Rods)

Deep Well Cylinders in all Standard Types

Strainers, Well Packers and Well Tools

A. D. COOK, Incorporated

General Office and Works, Lawrenceburg, Indiana
Chicago Office, Fisher Bldg., 343 So. Dearborn St.

TUBULAR WELL SUPPLIES

NOT JUST SIGNALS *BUT*

"GUARRANTEED SIGNALS"

MECHANICAL Signals, Train Order Signals, Forgings, Fittings, Cranks, Etc., Etc.

ELECTRICAL Signals, Highway Crossing Bells, Relays, Indicators, Annunciators, and

ALL SIGNAL ACCESSORIES and Maintenance Materials.

CHICAGO RAILWAY SIGNAL & SUPPLY CO.

PEOPLES GAS BLDG., CHICAGO Works: CARPENTERSVILLE, ILL.

Cylinder Oil—
See Oils (Cylinder, Lubricating, Valve and Signal.)

Cylinders—
American Locomotive Co..... 464
National Tube Co..... 20
Wharton, Jr., & Co., Wm..... 292

Cylinders (Acetylene)—
Air Reduction Sales Co..... 22
Milburn Co., The, Alexander..... 494
National Tube Co..... 20

Cylinders (Deep Well)—
American Well Works, The..... 412
Cook, Inc., A. D..... 86

Damp Course—
Barber Asphalt Co..... 450
Barrett Co..... 360
Lehon Co., The..... 150
Minwax Co..... 106
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152

Damp-Proofing—
Arco Company..... 486
Barber Asphalt Co..... 450
Barrett Co..... 360
Cabot, Inc., Samuel..... 112
Glidden Co., The..... 352
Minwax Co., Inc..... 106
Nelson Mfg. Co., B. F..... 152

Damper Regulators (Diaphragm)—
Dunham Co., C. A..... 410

Daters (Railroad Ticket)—
American Railway Supply Co..... 150

D. C. Motors and Generators—
See Generators Electric A. C. or D. C.

Decimal Gauges, Etc.—
Pratt & Whitney Co..... 452

Deep Well Pumps—
American Well Works, The..... 412
Cook, Inc., A. D..... 86

Deodorants—
West Disinfecting Co..... 318

Depot Paint—
See Paints (Bridge, Building & Depot)

Depot Scales—
Fairbanks, Morse & Co..... 260

Derailing Switches—
American Frog & Switch Co..... 102
Cleveland Frog & Crossing Co..... 448
Hayes Track Appliance Co..... 364
Lorain Steel Co..... 488
Morden Frog & Crossing Works..... 406
Pettibone Mulliken Co.....Cover
Ramapo Ajax Corporation..... 328
St. Louis Frog & Switch Co..... 776
Wharton, Jr., & Co., Wm..... 292

Derails—
De Remer-Blatchford Co..... 318
Hayes Track Appliance Co..... 364
Lorain Steel Co..... 488
Maintenance Equipment Co..... 758
Morden Frog & Crossing Works..... 406
Pneumatic Gate Co..... 466
Q & C Co.....Cover & 402
Railroad Supply Co., The....Cover & 24
Track Specialties Co..... 750
Wharton, Jr., & Co., Wm..... 292

Derails (Portable)—
American Chain Co..... 350
Hayes Track Appliance Co..... 364
Q & C Co.....Cover & 402

Derrick Cars—
American Bridge Co..... 66

Derricks—
American Hoist & Derrick Co..... 466
Industrial Works..... 564

Desks, Chairs, etc—
Hale-Kilburn Co..... 506

Diaphragm Hoods and Attachments—
Curtain Supply Co..... 84
Morton Mfg. Co..... 302

Diaphragms (Pump)—
New York Belting & Packing Co... 310
Quaker City Rubber Co..... 404

Diaphragms (Steel & Canvas)—
Curtain Supply Co..... 84
Morton Mfg. Co..... 302

Die Sharpeners—
Consolidated Mach. Tool Corp..... 124
National Machinery Co., The 546

Die Sinking Machines—
Pratt & Whitney Co..... 452

Dies—
Brubaker & Bros. Co., W. L..... 580
Cleveland Punch & Shear Works Co. 594
Henderer's Sons. A. L..... 768
Keller, Inc., William H..... 456
Pratt & Whitney Co..... 452
Walworth Co.....Cover & 388

Dies (Threading, Opening)—
Consolidated Mach. Tool Corp..... 124
Landis Machine Co., Inc..... 536

Diesel Oil Engines—
Worthington Pump & Machy. Corp. 562

Disc Grinders—
Besly & Co., Chas. H..... 78

Disinfectants—
Cabot, Inc., Samuel..... 112
West Disinfecting Co..... 318

Universal

key or rivet connected

Cast Steel Drawbar Yokes

Draft Lugs

Cast Steel Draft Arms or Sills

suitable for any style of spring or friction gear.

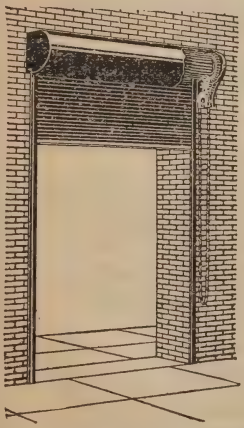
First Quality Malleable Iron

Heat Treated Steel Castings

UNIVERSAL DRAFT GEAR ATTACHMENT CO.

Railway Exchange Bldg., CHICAGO

Transportation Bldg., MONTREAL CAN.



ROLLING STEEL DOORS

Coil Over Head and Out Of The Way

ROLLING WOOD DOORS

Established 1876
Wilson
DOORS - PARTITIONS - BLINDS
WARDROBES
THE J.G. WILSON CORPORATION
NEW YORK CITY

HORIZONTAL FOLDING DOORS

Fold Over Head and Out Of The Way

FIREPROOF AIR CHAMBER DOORS

Write for Catalogue

THE J. G. WILSON CORPORATION,

11 East 38th Street,

NEW YORK, N. Y.

Offices in Principal Cities.

Ditchers—
See Railroad Ditchers.

Dolly Bars—
Keller, Inc., William H..... 456

Door Fasteners—
See Car Door Brackets, etc.

Door Hangers—
Camel Co..... 290
Jones Car Door Co..... 98
Richards-Wilcox Mfg. Co..... 100
Youngstown Steel Door Co..... 678

Door Operators, Car (Pneumatic)—
See Car Door Operators (Pneumatic).

Door Shields (Anti-Pinch)—
Morton Mfg. Co..... 302

Doors (Extension, Platform & Trap)—
Edwards Co., O. M..... 576
Tuco Products Corporation..... 600

Doors (Freight Shed, Round House, Elevator)—
Cornell Iron Works..... 774
Kinnear Mfg. Co..... 774
Richards-Wilcox Mfg. Co..... 100
Wilson Corporation, The J. G..... 88

Doors, Passenger & Baggage Car (Hollow Metal)—
Hale-Kilburn Co..... 506
Morton Mfg. Co..... 302

Draft Arms—
Bradford Corp..... 680

Draft Gear (Friction)—
See Friction Draft Gear.

Draft Rigging & Draw Bar Attachments
Bradford Corp..... 680
Cardwell Mfg. Co..... 518
Commonwealth Steel Co..... 162
Gould Coupler Co..... 532
Ke Yoke Railway Equipment Co... 446
Miner, W. H..... 308
Standard Coupler Co.....Foot notes
Standard Forgings Co..... 688
Symington Co., The..... 474
Union Draft Gear Co..... 518
Universal Draft Gear Attach. Co.. 88
Walker Draft Gear Corp..... 182
Western Railway Equipment Co... 396
Westinghouse Air Brake Co..... 258

Drag Line Excavators—
McMyler Interstate Co..... 578
Orton Crane & Shovel Co..... 120

Drain Cocks—
Frederick Iron & Steel Co..... 800

Drainage Tools—
Ames Shovel & Tool Co..... 278
Wood Shovel & Tool Co..... 400
Wyoming Shovel Wks..... 156

Drill Chucks—
Clark Equipment Co..... 584
Consolidated Mach. Tool Corp..... 124
Keller, Inc., William H..... 456
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560

Drill Grinders—
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc.... 476
Niles Bement-Pond Co..... 560
Ryerson & Son, Jos. T..... 616
Sellers & Co., Inc., Wm..... 508

Drill Presses and Drills—
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Pratt & Whitney Co..... 452
Vandyck Churchill Co..... 154

Drilling Machines—
Buda Company..... 418
Consolidated Mach. Tool Corp..... 124
Keller, Inc., William H..... 456
Manning, Maxwell & Moore, Inc.... 476
Niles Bement-Pond Co..... 560

Drills—
Chicago Pneumatic Tool Co..... 16
Goddard & Goddard Co..... 442
Ryerson & Son, Jos T..... 616

Drills (Core, Diamond, Hammer, Rock)
Ingersoll-Rand Co..... 56
Sullivan Machinery Co..... 582

Drills (Electric)—*See Electric Drills.*

Drills (High Speed Forged)—
Clark Equipment Co..... 584

Drills (Pneumatic)—
See Pneumatic Tools.

Drills (Portable)—
Chicago Pneumatic Tool Co..... 16
Cleveland Pneumatic Tool Co..... 142
Independent Pneumatic Tool Co... 140

Drills (Ratchet)—*See Ratchet Drills.*

Drills (Track)—*See Track Drills.*

Drinking Fountains—
Adams & Westlake Co..... 330
Giessel Co., Henry..... 314
Johns-Manville, Inc..... 316
Murdock Mfg. & Supply Co..... 520

Drip Traps—
Dunham Co., C, A..... 410

Driver Brake Shoes—*See Brake Shoes.*

Driving Boxes and Wedges—
American Locomotive Co..... 464
Franklin Ry. Supply Co., Inc..... 76
Gill Railway Supply Co..... 118

Driving Box Wedges (Automatic)—
Franklin Ry. Supply Co., Inc..... 76

Driving Wheel Centres—
American Locomotive Co..... 464
American Steel Foundries..... 398
Commonwealth Steel Co..... 162
Edgewater Steel Co..... 498
Scullin Steel Co..... 108
Standard Steel Works Co..... 380

Driving Wheel Flange Lubricator—
National Railway Devices Co..... 752

Driving Wheel Presses (Hydraulic)—
Birdsboro Steel Fdy. & Mach. Co... 430

PATENTED

CHATON All Fibre Dust Guards

are flexible and elastic and absorb the strains and jolts of the journal. Never crack or break.

We have railroad tests on Chaton Fibre Dust Guards showing over 85,000 miles service—the guard remaining in perfect condition.

Test Sample Sets Free.

CHATON FIBRE COMPANY

35 Congress Street - - BOSTON, MASS.

50,000

Superheaters have been applied to locomotives of all sizes and types which are saving the railroads upward of $100,000,000 a year in fuel, besides increasing handling capacity.

THE SUPERHEATER COMPANY

17 East 42nd Street NEW YORK — **Peoples Gas Building CHICAGO**

Canada: The Superheater Company, Ltd., Montreal

Drop Brake Handles—
Railway Devices Co. 528

Drop Brake Staffs—
See Brake Staffs (Drop).

Drop Forgings—
American Locomotive Co. 464
Bethlehem Steel Co. ..... 368 & 626
Chicago Ry. Signal & Supply Co. 86
Duff Mfg. Co. 612
Inter-State Car & Foundry Co. 358
Lorain Steel Co. 488
Newport News Shipbuilding & Dry Dock Co. 710
St. Louis Frog & Switch Co. 776
Steel Car Forge Co. 606
Union Switch & Signal Co. 590

Drop Hammers—
Beaudry Co., Inc. 60
Chambersburg Engineering Co. 162
Consolidated Mach. Tool Corp. 124
Manning, Maxwell & Moore, Inc. 476
Niles-Bement-Pond Co. 560
Williams, White & Co. 144

Dry Batteries—
National Carbon Co., Inc. 274

Duck (Waterproof)—
Ruberoid Co. 152

Dump Cars (Automatic)—
Clark Car Co. 672
Differential Steel Car Co. 70
Kalamazoo Ry. Supply Co. 444
Magor Car Co. 354
Ralston Steel Car Co. 502
Western Wheeled Scraper Co. 298

Dump Carts—
Western Wheeled Scraper Co. 298

Dump Truck Bodies—
Van Dorn Iron Wks. Co. 338

Dump Truck Hoists—
Van Dorn Iron Wks. Co. 338

Duplicating Supplies—
O'Malley Co., M. J. 782
Remington Typewriter Co. 686
Underwood Typewriter Co., Inc. 468

Dust Guards—
Chaton Fibre Co. 90
Gould Coupler Co. 532
Symington Co. 474
Thornburgh Mfg. Co., W. N. 798
Union Asbestos & Rubber Co. 692
Western Railway Equipment Co. 396
Williams Co., The Lacey 758

Dust Preventives—
Barber Asphalt Co. 450
Headley Good Roads Co. 596

Dynamos & Motors—
Fairbanks, Morse & Co. 260
General Electric Co. ..... Cover
Graybar Electric Co., Inc. 268
Westinghouse Electric & Mfg. Co. 512

Earth Drill—
Buda Co. 418

Ebonized Asbestos Lumber—
Asbestos Shingle, Slate & Sheathing Co. 544

Elbow Unions—
Jefferson Union Co. 664
Walworth Co. ..... Cover & 388

Electric Apparatus and Accessories—
Benjamin Electric Mfg. Co. 550
Bryant Electric Co. 282
Electric Service Supplies Co. 76
General Electric Co. ..... Cover
Graybar Electric Co., Inc. 268
Ohio Brass Co. 146
Pyle-National Co. 542
Thomson Elec. Welding Co. 632
Westinghouse Electric & Mfg. Co. 512

Electric Air Drills—
Ingersoll-Rand Co. 56

Electric Batteries—
Benjamin Electric Mfg. Co. 550
Chicago Ry. Signal & Supply Co. 86
Edison, Inc., Thos. A. 604
Edison Storage Battery Co. 540
Electric Storage Battery Co. 526
Graybar Electric Co., Inc. 268
National Carbon Co. 274
Prest-O-Lite Co., Inc. 168
Railroad Supply Co. ..... Cover & 24
Safety Car Heating & Lighting Co. 342
U. S. Light & Heat Corporation 312
Waterbury Battery Co. 394

Electric Bells and Buzzers—
Graybar Electric Co., Inc. 268

Electric Brakes—
Electric Controller & Mfg. Co. 754
General Electric Co. ..... Cover

Electric Car Puller—
Gifford-Wood Co. 526

Electric Car Retarders—
General Ry. Signal Co. 2

Electric Controllers—
Electric Controller & Mfg. Co. 754
General Electric Co. ..... Cover

Electric Cranes—
Cleveland Crane & Engineering Co. 300
Consolidated Mach. Tool Corp. 124
Detroit Hoist & Machine Co. 290
Industrial Works 564
Manning, Maxwell & Moore, Inc. 476
McMyler Interstate Co. 578
Niles-Bement-Pond Co. 560
Westinghouse Electric & Mfg. Co. 512
Whiting Corporation 554
Young Mfg. Co., R. W. 794

Electric Crossing Gates—
Buda Company 418

Electric Drills—
Chicago Pneumatic Tool Co. 16
Crowe Mfg. Corp. 666
General Electric Co. ..... Cover
Graybar Electric Co., Inc. 268
Independent Pneumatic Tool Co. 140
King Pneumatic Tool Co. 148

"ECO-LITE"

"Always a Light"

ELECTRIC LANTERNS

are proving their worth for

GASOLINE MOTOR TRAINS
MOTOR BUSSES
AND GENERAL SIGNAL USE

Two Models—
Let us tell you what roads are using them.

ECONOMY ELECTRIC LANTERN COMPANY
549 West Washington Boulevard
CHICAGO, ILLINOIS

ULSTER IRON WORKS

General Offices and Works, Dover, N. J.

ULSTER SPECIAL Staybolt Iron
ULSTER SPECIAL Seamless Hollow Iron
ULSTER Engine Bolt Iron

Round, Square, Flat, Hexagon, Round Edge
Hammered Iron Billets
Threaded Rigid Staybolts Of All Types

NEW YORK OFFICE
52 Vanderbilt Ave.

CHICAGO OFFICE
122 S. Michigan Ave.

Electric Fans—
General Electric Co..... .....Cover
Graybar Electric Co., Inc. 268

Electric Fixtures (Diffuselite)—
Wilson Corp. J. G. 88

Electric Flue Welders—
Thomson Elec Welding Co..... 632

Electric Furnaces—
American Bridge Co 66

Electric Grinders—
Chicago Pneumat Tool Co..... 16
Crowe Mfg. Corp..... 666
Graybar Electric Co., Inc..... 268
Independent Pneumatic Tool Co... 140

Electric Hammers
Graybar Electric Co..... 268
King Pneumatic Tool Co..... 148

Electric Hand Lantern Batteries—
See Batteries (Electric Hand Lantern)

Electric Headlight Repair Parts—
Adams & Westlake Co..... 330
Electric Service Supplies Co..... 76
Pyle-National Co..... 542

Electric Headlights—
Adams & Westlake Co..... 330
Buda Company..... 418
Electric Service Supplies Co..... 76
General Electric Co.....Cover
Graybar Electric Co , Inc..... 268
Pyle-National Company, The..... 542
Star Headlight & Lantern Co..... 798
Sunbeam Electric Mfg. Co.... 104

Electric Hoists—*See Hoists (Electric).*

Electric Lamps—
General Electric Co..... .....Cover
Graybar Electric Co., Inc..... 268
Westinghouse Electric & Mfg.. Co.. 512

Electric Lantern Batteries—
Economy Electric Lantern Co..... 92

Electric Lantern Bulbs—
Economy Electric Lantern Co..... 92

Electric Lanterns—
Adams & Westlake Co..... 330
Economy Electric Lantern Co..... 92

Electric Lighting (Cars)—
See Car Lighting (Electric).

Electric Lighting Plants—
Pyle-National Company..... 542

Electric Locomotives—
American Locomotive Co..... 464
Baldwin Locomotive Works..... 558
General Electric Co.....Cover
Westinghouse Electric & Mfg. Co.. 512

Electric Motors—*See Motors (Electric).*

Electric Power Equipment—
General Electric Co..... ....Cover
Graybar Electric Co., Inc..... 268
Westinghouse Electric & Mfg. Co... 512

Electric Rivet Heaters—
American Car & Foundry Co..... 620
American Hoist & Derrick Co 466
General Electric Co.....Cover

Electric Safety Switches—
Benjamin Electric Mfg. Co..... 550
Consolidated Car Heating Co..... 762
General Electric Co.....Cover
Graybar Electric Co., Inc..... 268
Westinghouse Electric & Mfg. Co... 512

Electric Saws—
Crowe Mfg. Co..... 666

Electric Soldering Irons—
General Electric Co.....Cover
Graybar Electric Co., Inc..... 268

Electric Speed Indicator (Locomotive
Union Switch & Signal Co 590

Electric Switches—
Bryant Electric Co..... 282
Consolidated Car Heating Co..... 762

Electric Transfer Tables—
McMyler Interstate Co..... 578
Nichols & Bro., Geo. P..... 754
Whiting Corporation..... 554

Electric Traveling Cranes—
Brown Hoisting Machinery Co., Inc. 448
Consolidated Mach. Tool Corp..... 124
Detroit Hoist & Machine Co..... 290
Manning, Maxwell & Moore, Inc ... 476
Niles-Bement-Pond Co..... 560
Sellers & Co., Inc., Wm..... 508
Whiting Corporation..... 554

Electric Trucks—
See Trucks (Storage Battery).

Electric Turntable Tractors—
Detroit Hoist & Machine Co..... 290
Nichols & Bro., Geo. P..... 754
Whiting Corporation..... 554

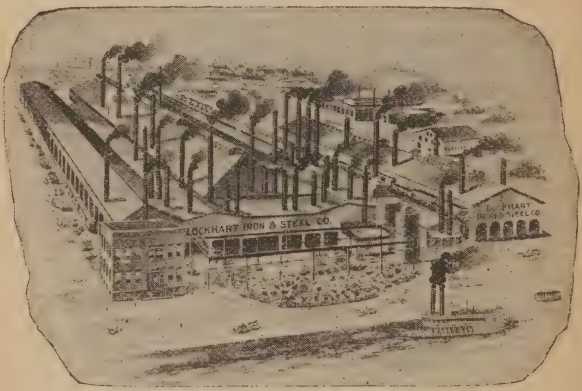
Electric Welding System—
General Electric Co.....Cover
National Railway Appliance Co.... 14
Thomson Elec. Welding Co..... 632
Westinghouse Electric & Mfg. Co... 512

Electric Wires and Cables—
American Insulated Wire & Cable Co.... 638
American Steel & Wire Co..... 264
Copperweld Steel Co..... 322
General Electric Co.....Cover
Graybar Electric Co., Inc... 268
Kerite Insulated Wire & Cable Co.. 956
Okonite Co..... 1
Page Steel & Wire Co..... 266
Railroad Supply Co.....Cover & 24
Roebling's Sons Co., John A..... 642
Standard Underground Cable Co... 434

"VULCAN BLOOM"
STAYBOLT IRON

"VULCAN XX"
ENGINE BOLT IRON

"SPECIAL QUALITY IRON"
IN LARGE RECTANGULAR SECTIONS
"UNIVERSAL MILL ROLLED"



LOCKHART IRON AND STEEL CO.

PITTSBURGH, PA.,

DIRECT MILL REPRESENTATIVES
DEREMER-BLATCHFORD COMPANY
747 RAILWAY EXCHANGE BUILDING
CHICAGO, ILL.

Electrical Specialties—
Benjamin Electric Mfg. Co..... 550

Electrical Wire—
See Electric Wire & Cables.

Electrification Materials—
General Electric Co.....Cover
Ohio Brass Co..... 146
Westinghouse Electric & Mfg. Co.. 512

Electrodes—
National Carbon Co., Inc..... 274

Electrodes (Welding Coated)—
Transportation Engineering Corp. 548

Electrolytic Rectifiers—
Lundy Co., E. A..... 482

Elevating Graders.
Western Wheeled Scraper Co..... 298

Elliptic Springs—
See Car Coach and Engine Springs.

Emergency Knuckles—
Du-Wel Steel Products Co..... 750
Q & C Co.....Cover & 402

Emergency Power Equipment—
Lundy Co., E. A..... 482

Emergency Switches—
Lundy Co., E. A..... 482

Emery Wheels and Emery Cloth—
Carborundum Co 458

Enamels—
Acme White Lead & Color Wks..... 588
Arco Company..... 486
Cheesman-Elliott Co., Inc..... 10
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Kay & Ess Co 548
Milar, Clinch & Co..... 646
Pruett-Schaffer Chemical Co..... 802
Sherwin-Williams Co..... 786

Ends (Car)—*See Car Ends (Steel).*

Engine and Tender Springs—
See Car Coach and Engine Springs.

Engine Bearings (Bronze)—
Damascus Bronze Co..... 348
Edna Brass Mfg. Co..... 172

Engine Bolt Iron—*See Staybolt Iron.*

Engine Frames—
American Steel Foundries..... 398
Duquesne Steel Foundry Co..... 118
Reading Steel Casting Co..... 586
Scullin Steel Co..... 108
Standard Steel Works Co..... 380

Engine Lubricators—
Madison-Kipp Corp..... 682

Engine Lathes—*See Lathes. (Metal.)*

Engine Oil—
Galena Signal Oil Co..... 470
Texas Company, The..... 614

Engines (Gasoline)—
Chicago Pneumatic Tool Co..... 16
Fairbanks, Morse & Co..... 260
Fairmont Railway Motors, Inc..... 674
Independent Pneumatic Tool Co... 140
Mudge & Co..... 516
Northwestern Motor Co 336
Woolery Machine Co..... 128

Engines (Oil)—*See Oil Engines.*

Engines (Pneumatic)—
Chicago Pneumatic Tool Co..... 16
Detroit Hoist & Machine Co..... 290
Independent Pneumatic Tool Co... 140

Engines (Steam)—
Chicago Pneumatic Tool Co..... 16

Engineers' & Firemen's Seat Boxes—
Van Dorn Iron Works Co..... 338

Engineers (Civil, Mechanical, Consulting and Inspecting)—
Conard, W. R..... 756
Hunt Co., Robt. W..... 508
Laverie & Sons, Inc., R. H..... 632
Pittsburgh Testing Laboratory..... 272

Excavators (Drag Line)—
See Drag Line Excavators.

Exhaust Fans—
See Fans. (Electric Exhaust).

Exhaust Nozzles—
Franklin Ry. Supply Co..... 76

Expanders (Flue)—
Ryerson & Son, Jos. T..... 616

Expanding Lathe Mandrels—
See Lathe Mandrels (Expanding).

Expansion Boring Tools—
Davis Boring Tool Co., Inc..... 534
Liberty Machine Works..... 296

Expansion Joint Materials—
Mimwax Co., Inc..... 106

Extension Platform Trap Doors—
Edwards Co., The O. M..... 576

Extinguishers (Chemical, Fire)—
See Fire Extinguishers (Chemical).

Fabricated Steel—
American Bridge Co..... 66
Bethlehem Steel Co.....368 & 626

Fans (Electric)—*See Electric Fans.*

Fans (Electric Exhaust)—
Graybar Electric Co., Inc..... 268
Mudge & Co..... 516

Feed Water Heaters (Locomotive & Stationary Plant)—
Superheater Co.....Foot notes & 90
Worthington Pump & Machy. Corp. 562

Felts (Asphalt)—*See Asphalt Building Paper, Cement, etc.*

Fence Gates—
American Steel & Wire Co..... 264

Signal Flags

Samples and Prices of our "EXCEL" Bunting Flags submitted on application

MANUFACTURERS

FLAGS, AWNINGS, TARPAULINS, TENTS, WAGON COVERS AND EVERYTHING MADE OF CANVAS

CHICAGO FLAG & DECORATING COMPANY

1315-1325 S. WABASH AVENUE -:- CHICAGO, ILL.

ILLINOIS CAR AND MANUFACTURING CO.
RICHMOND CAR WORKS - THE STEEL CAR CO.

HAMMOND, INDIANA

also

Chicago Heights, Ill. Richmond, Va. Cleveland, Ohio

CAR BUILDERS

Bolts Nuts Rivets
Forgings Pressed Parts
Steel Underframes

CAR REPAIRS

Chicago Office—802 Great Northern Building

Fence (Iron)—
Stewart Iron Works Co..... 598

Fence (Steel)—
Van Dorn Iron Works Co..... 338

Fence Posts (Steel)—
American Steel & Wire Co..... 264
Inland Steel Co..... 694
National Tube Co..... 20
Page Steel & Wire Co..... 266

Fencing (Wire)—
American Steel & Wire Co..... 264
Bethlehem Steel Co.....368 & 626
Page Steel & Wire Co..... 266
Pittsburgh Steel Co..... 652
Stewart Iron Works Co.. 598

Fibre Dust Guards—
Chaton Fibre Co..... 90

Fibre (Indestructible)—
Diamond State Fibre Co..... 298
National Vulcanized Fibre Co..... 404
Spaulding Fibre Co..... 704
Whall Co., C. H..... 310

File Boxes (Metal)—
Rockwell-Barnes Co..... 436
Van Dorn Iron Works Co..... 338

File Folders (Vertical)—
Rockwell-Barnes Co..... 436

Filters (Oil)—
Oil & Waste Saving Machine Co.... 406

Filters (Water)—
American Water Softener Co..... 774
Giessel Co., Henry..... 314
Paige & Jones Chemical Co..... 292
Scaife & Sons Co., Wm. B..... 668

Filters (Water Softening)—
American Water Softener Co..... 774
Paige & Jones Chemical Co..... 292
Scaife & Sons Co., Wm. B..... 668

Fire Box Steel—
See Locomotive Boiler & Fire Box Steel.

Fire Extinguishers (Chemical)—
Castle, James M., Inc..... 610
Johns-Manville, Inc..... 316

Fire Hose—
See Hose, Air, Fire, Pneumatic & Steam.

Fire Insulations—
Johns-Manville, Inc..... 316

Fire Proof Doors, Shutters and Partitions (Hollow Metal-Steel Rolling)—
Cornell Iron Works..... 774
Kinnear Mfg. Co., The..... 774
Richards-Wilcox Mfg. Co..... 100
Wilson Corp., The J. G..... 88

Fire Proofer (Chemical)—
Chipman Chemical Eng. Co., Inc.... 284

Fire Proofing Materials—
Johns-Manville, Inc..... 316

Fitting Up Bolts—
Key-Bolt Appliance Co..... 670

Fittings (Air Brake and Pipe)—
Jefferson Union Co..... 664
Schaefer Equipment Co..... 698
Walworth Co.....Cover & 388
Western Railway Equipment Co... 396

Fittings (Cast Steel)—
Reading Steel Casting Co..... 586

Fittings (Flanged)—
Jefferson Union Co..... 664
Reading Steel Casting Co..... 586
Walworth Co.....Cover & 388

Fittings (Malleable and Cast Iron)—
Jefferson Union Co..... 664
Walworth Co.....Cover & 388

Fixture Guards—
Benjamin Electric Mfg. Co..... 550

Flagging Appliances—
Chicago Flag & Decorating Co..... 96

Flags (Signal)—
Chicago Flag & Decorating Co..... 96

Flange Frogs (Manganese Reinforced)
Morden Frog & Crossing Works.... 406
Ramapo Ajax Corporation..... 328

Flange Lubricator—
Detroit Lubricator Co..... ... 774
Hoofer Mfg. Co..... 568
Ohio Injector Co..... 780

Flange Packing—
Anchor Packing Co..... 490

Flange Steel—
Bethlehem Steel Co.....368 & 626
Ryerson & Son, Jos. T..... 616

Flange Thickness Gauges—
Pratt & Whitney Co..... 452

Flange Unions—
Jefferson Union Co..... 664
Walworth Co.....Cover & 388

Flangers (Snow)—
Q & C Co.....Cover & 402
Russell Car & Snow Plow Co..... 158

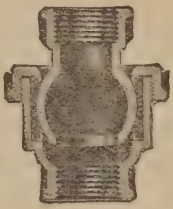
Flanging Clamps (Hand & Pneumatic)—
Wickes Bros..... 666

Flanging Machines (Pneumatic)—
McCabe Mfg. Co..... 262

Barco Flexible Joints
AND
Barco Power Reverse Gears

BARCO

Steam and Air Connections for Use Between Engine & Tender and Cars.
Blower, Blow-off, and Boiler Filling Connections for Round House



BARCO

Barco Reverse Gear Cannot Cushion, Creep or Float

USING BARCO FLEXIBLE JOINTS

Catalog of Joints and Blueprints of Installations Furnished

BARCO MANUFACTURING CO.
CHICAGO, ILL.

JONES CAR DOOR CO.
NOT INCORPORATED
BRANCH OF CAMEL CO.

Jones Peerless Door Fixtures
Jones Door Fixtures

BELDEN D. JONES
MANAGER
MONADNOCK BLOCK - - CHICAGO

Flanging Presses (Hydraulic)—
Bethlehem Steel Co. ..... 368 & 626
Birdsboro Steel Fdy. & Mach. Co... 430
Chambersburg Engineering Co..... 162
Southwark Foundry & Machine Co. 272
Wood & Co., R. D. 120

Flash Lights—
National Carbon Co., Inc. 274

Flashing Light Signals—
Lundy Co., E. A. 482

Flat Twisted Drills—
Cleveland Punch & Shear Works Co. 594

Flexible Conduit—
Barco Manufacturing Co. 98
Graybar Electric Co., Inc. 268

Flexible Couplings—
Barco Manufacturing Co. 98
Electric Controller & Mfg. Co. 754
Frederick Iron & Steel Co. 800

Flexible Fixture Hangers—
Benjamin Electric Mfg. Co. 550

Flexible Joints—
Barco Manufacturing Co. 98
Franklin Ry. Supply Co. 76

Flexible Metallic Hose—
Johns-Manville, Inc. 316

Flexible Metallic Packing—
Universal Packing Corp. 702

Flexible Shafts—
Manning, Maxwell & Moore, Inc. 476

Flexible Stay Bolt Machines—
Consolidated Mach. Tool Corp. 124

Flexible Stay Bolts—
American Locomotive Co. 464
Flannery Bolt Co. 566

Float & Pressure Switches—
General Electric Co. ..... Cover
Westinghouse Elec. & Mfg. Co. 512

Float & Thermostatic Traps—
Dunham Co., C. A. 410

Flood Lights—
Adams & Westlake Co. 330
Graybar Electric Co., Inc. 268
Pyle-National Company 542

Floor Finishes—
Arco Company 486
Du Pont de Nemours & Co., E. I. 354
Glidden Co., The 352
Minwax Co., Inc. 106

Floor Plates (Anti-Slip)—
American Abrasive Metals Co. 802
American Mason Safety Tread Co.. 704

Floor Plates (Rolled Steel)—
Wood Iron & steel Co., Alan. 672

Flue Blowers (Locomotive)—
American Ry. Appliances Co. 676

Flue Cleaners—
American Ry. Appliances Co. 676
Ryerson & Son, Jos. T. 616
Underwood Corp., H. B. 302

Flue Cutters—
Clark Equipment Co. 584
Ryerson & Son, Jos. T. 616
Southwark Foundry & Machine Co. 272

Flue Expanders (Locomotive)—
See Locomotive Flue Expanders.

Flue Rattlers—
Draper Mfg. Co. 430
Ryerson & Son, Jos. T. 616

Flue Welders—
Draper Mfg. Co. 430
Independent Pneumatic Tool Co... 140
Manning, Maxwell & Moore, Inc. 476
Ryerson & Son, Jos. T. 616
Southwark Foundry & Machine Co. 272

Flue Welders (Electric)—
See Electric Flue Welders.

Flue Welding Furnaces—
See Furnaces (Welding).

Foot Guards—
Cleveland Railway Supply Co. 776
Louisville Frog & Switch Co. 108

Force Feeders (Locomotive)—
Railway Devices Co. 528

Forge-Firing Burners (Oil or Gas)—
North American Mfg. Co. 752

Forge Jacks—
Dickinson, Inc., Paul 428

Forged Steel Wheels—
Carnegie Steel Co. 280
Forged Steel Wheel Co. 458
Illinois Steel Co. 378

Forges (Oil Burning)—
Best Corp., W. N. 776
Cameron-Spouse Mfg. Co. 786
Mahr Mfg. Co. 766

Forges (Portable)—
Best Corp., W. N. 776
De Remer-Blatchford Co. 318
Mahr Mfg. Co. 766

R-W Doors and Hardware

Solve the Doorway Problems of Leading Railroads

The R-W line includes heavy wood milltype doors with steel frames and corrugated sheet steel doors, with or without asbestos filler.

R-W door hardware is made to meet every condition—it is the largest and most complete line of door hardware made.

Ask our doorway engineers to help you solve your doorway problems. Their service is free.

Richards-Wilcox Mfg. Co.

"A Hanger for any Door that Slides"

AURORA, ILLINOIS, U.S.A.

New York Boston Philadelphia Cleveland Cincinnati Indianapolis St. Louis New Orleans Chicago Minneapolis Kansas City Los Angeles San Francisco Omaha Seattle Detroit

Montreal RICHARDS-WILCOX CANADIAN CO., LTD., LONDON, ONT. Winnipeg

Largest and most complete line of door hardware made

Forges (Rivet)—
Best Corp., W. N. ... 776
De Remer-Blatchford Co. ... 318
Independent Pneumatic Tool Co. ... 140
Mahr Mfg. Co. ... 766

Forging Machines—
Ajax Mfg. Co. ... 570
Consolidated Mach. Tool Corp. ... 124
Manning, Maxwell & Moore, Inc. ... 476
National Machinery Co., The ... 546
Williams, White & Co. ... 144

Forging Presses (Hydraulic)—
Bethlehem Steel Co. ... 368 & 626
Chambersburg Engineering Co. ... 162
Southwark Foundry & Machine Co. 272
Wood & Co., R. D. ... 120

Forgings—
American Car & Foundry Co. ... 620
Bethlehem Steel Co. ... 368 & 626
Carnegie Steel Co. ... 280
Chambersburg Engineering Co. ... 162
Duff Mfg. Co. ... 612
Edgewater Steel Co. ... 498
Gould Coupler Co. ... 532
Illinois Car & Mfg. Co. ... 96
Illinois Steel Co. ... 378
Inter-State Car & Foundry Co. ... 358
Johnson & Co., J. R. ... 794
McMyler Interstate Co. ... 578
Midvale Co. ... 460
Mt. Vernon Car Mfg. Co. ... 798
National Forge Co. ... 116
Newport News Shipbuilding & Dry Dock Co. ... 710
P. & M. Co., The ... 144
Pullman Car & Mfg. Corp. ... 684
Richmond Car Works ... 96
St. Louis Frog & Switch Co. ... 776
Sherburne & Co. ... 362
Standard Forgings Co. ... 688
Standard Steel Works Co. ... 380
Steel Car Co. ... 96
Steel Car Forge Co. ... 606
Union Switch & Signal Co. ... 590
U. S. Chain & Forging Co. ... 778
Universal Draft Gear Attach. Co. ... 88
Vanadium Corp. of America ... 390
Wharton, Jr. & Co., Wm. ... 292

Forgings (Carbon-Vanadium)—
Johnson & Co., J. R. ... 794

Forgings (Drop)—*See Drop Forgings.*

Forgings (Hydraulic Pressed)—
American Bridge Co. ... 66
Bethlehem Steel Co. ... 368 & 626
Midvale Co. ... 460
Newport News Shipbuilding & Dry Dock Co. ... 710

Forgings (Steel) - *See Steel Forgings.*

Forgings (Vanadium)—
Vanadium Corp. of America ... 390

Foundry Equipment—
Whiting Corporation ... 554

Foundry Facings—
Detroit Graphite Co. ... 538
Dixon Crucible Co., Jos. ... 26
Pettinos, Geo. F. ... 578
Superior Flake Graphite Co. ... 116

Foundry Practise—
Metal & Thermit Corp. ... 78

Foundry Rammers (Pneumatic)—
Chicago Pneumatic Tool Co. ... 16
Cleveland Pneumatic Tool Co. ... 142
Oldham & Son Co., Geo. ... 148

Foundry Supplies—
Pettinos, Geo. F. ... 578

Fountains (Wash)—
Bradley Washfountain Co. ... 686

Frame Welding Furnaces—
See Furnaces (Welding).

Freight Car Ladders — *See Ladders (Freight Car).*

Freight Car Paints—*See Paints (Car, Caboose, Locomotive, Truck, etc.).*

Freight Car Roofs—*See Car Roofs.*

Freight Elevator and Shed Doors—
Cornell Iron Works ... 774
Kinnear Mfg. Co. ... 774
Richards-Wilcox Mfg. Co. ... 100
Wilson Corp., The J. G. ... 88

Freight Handling Equipment—
Baker-Raulang Co. ... 304
Brown Hoisting Machinery Co., Inc. 448
Crescent Truck Co. ... 436
Elwell-Parker Electric Co. ... 320
Industrial Works ... 564
McMyler Interstate Co. ... 578
Transportation Engineering Corp. 548

Friction Buffers—
Frost Ry. Supply Co. ... 74

Friction Draft Gear—
Bradford Corp. ... 680
Cardwell Mfg. Co. ... 518
Frost Ry. Supply Co. ... 74
Gould Coupler Co. ... 532
Miner, W. H. ... 308
Standard Coupler Co. ... Foot notes
Standard Forgings Co. ... 688
Union Draft Gear Co. ... 518
Walker Draft Gear Corp. ... 182
Waugh Equipment Co. ... 478
Westinghouse Air Brake Co. ... 258

Friction Draft Spring—
Frost Ry. Supply Co. ... 74

THE AMERICAN FROG & SWITCH COMPANY
HAMILTON, OHIO

MANUFACTURERS OF

RAILWAY TRACK EQUIPMENT

FROGS SWITCHES
CROSSINGS CROSSOVERS
SWITCH STANDS RAIL BRACES

MANGANESE INSERTS

THE WEIR KILBY CORPORATION

CINCINNATI, OHIO BIRMINGHAM, ALA.

SUCCESSOR TO
WEIR FROG COMPANY
and
KILBY FROG & SWITCH CO.

Rail and Manganese Track Work

MANUFACTURERS OF
Balkwill Articulated Cast Manganese Crossings

Frictionless Rail—
Frictionless Rail 422

Frogs and Crossings—
American Frog & Switch Co..... 102
American Manganese Steel Co..... 270
Balkwill Manganese Crossing Co... 556
Bethlehem Steel Co.....368 & 626
Buda Company..... 418
Cleveland Frog & Crossing Co..... 448
Frank, M. K..... 780
Frog, Switch & Mfg. Co..... 640
Indianapolis Switch & Frog Co..... 308
Lorain Steel Co..... 488
Louisville Frog & Switch Co., Inc.. 108
Morden Frog & Crossing Works.... 406
Pettibone Mulliken Co. .....Cover
Ramapo Ajax Corporation..... 328
St. Louis Frog & Switch Co..... 776
Weir Kilby Corp..... 102
Wharton, Jr. & Co., Wm..... 292

Frog and Switch Planers—
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co.. 560

Front End Hinge—
Okadee Co 790

Front End (Locomotive Box)—
Mudge & Co..... 516

Front End Paint—
See Locomotive Front End Paint.

Frost Boxes—
Celotex Co..... 602

Fuel Oil Burners—
American Locomotive Co..... 464
De Remer-Blatchford Co..... 318
Mahr Mfg. Co..... 766
North American Mfg. Co..... 752

Fuel Oil Pumping Systems—
Best Corp., W. N..... 776
Bowser & Co., Inc., S. F..... 454
North American Mfg. Co..... 752

Fumigants—
West Disinfecting Co..... 318

Furnace Burner (High Pressure)—
Best Corp., W. N.. 776

Furnace Burner (Low Pressure Oil, Gas)—
North American Mfg. Co..... 752

Furnaces (Angle Heating)—
Best Corp., W. N..... 776

Furnaces (Annealing, Case Hardening, Cyanide & Lead Hardening)—
Best Corp., W. N..... 776

Furnaces (Bolt, Drill Plate and Rivet Heating)—
De Remer-Blatchford Co..... 318

Furnaces (Brazing & Tool Dressing)—
Best Corp., W. N..... 776

Furnaces (Carbonized & Crucible)—
Best Corp., W. N..... 776

Furnaces (Electric)—
See Electric Furnaces.

Furnaces (Forging & Galvanizing)—
Best Corp., W. N..... 776

Furnaces (Heat Treatment)—
Best Corp., W. N..... 776

Furnaces (High Speed Steel)—
Best Corp., W. N..... 776

Furnaces (Melting—Lead, Brass, Copper)—
Best Corp., W. N..... 776

Furnaces (Oil Burning)—
See Oil Furnaces.

Furnaces (Oil, Spring Tempering)—
Best Corp., W. N..... 776

Furnaces (Tire Heating)—
Best Corp., W. N..... 776

Furnaces Welding—
Best Corp., W. N..... 776

Furniture (Metal)—
Edwards Co., O. M..... 576
Van Dorn Iron Works Co..... 338

Fusee, Torpedo & Flag Containers—
Van Dorn Iron Works Co..... 338

Fusees (Red, Green or Yellow)—
Sherburne & Co..... 362
Whall Co., C. H..... 310

Fuses—
General Electric Co.....Cover
Graybar Electric Co., Inc..... 268
Johns-Manville, Inc..... 316

Gage Cocks—
Edna Brass Mfg. Co..... 172
Jenkins Bros..... 700
Jerguson Gage & Valve Co..... 538
Nathan Mfg. Co..... 514
Sargent Co..... 768
Walworth Co .....Cover & 388

Gage Glasses—
Blackall, Robert H..... 138
Jenkins Brothers..... 700
Rogers Co., H. A..... 700

Gage Glass Washers—
Jenkins Brothers..... 700
Rogers Co., H. A..... 700

Gages, Air-Steam-Hydraulic—
See Steam Gages.

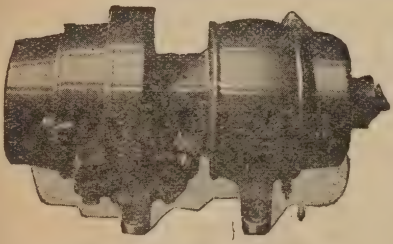
SUNBEAM

HEADLIGHTS with either Glass or Metal Reflectors and with cases made of rustproof steel, or copper bearing steel.

Sunbeam Headlights are made for all purposes either to Sunbeam design or to railroad specifications. Send for catalog.

Turbo-Generator

Type RE-3
32 Volt—500 and 750 Watt



FOR Headlight and Train Control Service.

Their simplicity, accessibility, durability and uniform voltage insures long, economical satisfactory service.

Sunbeam Electric Manufacturing Co.

Formerly Schroeder Headlight & Generator Co.

EVANSVILLE, INDIANA, U. S. A.

Builders of Locomotive Headlights since 1883

Canadian Representative
Taylor and Arnold Engineering Co., Ltd., Montreal, Que.
General Export Representative
The Baldwin Locomotive Works, Philadelphia, Pa.

Gages for Automatic Couplers. New Knuckles and M. C. B. Standard—
Pratt & Whitney Co. ... 452

Galvanized Wire—
Page Steel & Wire Co. ... 266

Gantry Cranes—
Industrial Works ... 564
Whiting Corporation ... 554

Gas & Gasoline Engines—
Chicago Pneumatic Tool Co. ... 16
Fairbanks, Morse & Co. ... 260
Fairmont Railway Motors, Inc. ... 674
Mudge & Co. ... 516
Northwestern Motor Co. ... 336
Sherburne & Co. ... 362
Woolery Machine Co. ... 128
Worthington Pump & Machy. Corp. 562

Gas Blowers—
North American Mfg. Co. ... 752

Gas Compressors—
Chicago Pneumatic Tool Co. ... 16
Ingersoll-Rand Co. ... 56
Sullivan Machinery Co. ... 582
Worthington Pump & Machy. Corp. 562

Gas-Electric Blow Torches—
North American Mfg. Co. ... 752

Gas-Electric Rail Cars—
Brill Co., J. G. ... 236

Gas-Electric Sets—
Lundy Co., E. A. ... 482

Gas Engines—
Worthington Pump & Machy. Corp. 562

Gaskets—
Anchor Packing Co. ... 490
Garlock Packing Co. ... 370
Jenkins Bros. ... 700
Johns-Manville, Inc. ... 316
New York Belting & Packing Co. ... 310
Quaker City Rubber Co. ... 404
Union Asbestos & Rubber Co. ... 692
Universal Packing Corp. ... 702
Westinghouse Air Brake Co. ... 258
Wood Co., Guilford S. ... 510
Woven Steel Hose & Rubber Co. ... 356

Gasoline & Fuel Oil Pumps & Tanks—
See Gasoline Storage Systems.

Gasoline Cranes—
See Locomotive Cranes (Gasoline).

Gasoline Engines—
See Engines Gasoline.

Gasoline Extraction Plants—
Chicago Pneumatic Tool Co. ... 16

Gasoline Motor Cars—
Buda Company ... 418
Fairbanks, Morse & Co. ... 260
Fairmont Railway Motors, Inc. ... 674
Kalamazoo Railway Supply Co. ... 444
Mudge & Co. ... 516
Northwestern Motor Co. ... 336
Woolery Machine Co. ... 128

Gasoline Pumps (Self-Measuring)—
See Oil Pumps (Measuring & Non-Measuring, etc.).

Gasoline Storage Systems—
Bowser & Co., Inc., S. F. ... 454
Scalfe & Sons Co., Wm. B. ... 668

Gate Valves—
Reading Steel Casting Co. ... 586

Gates (Bin)—
Conveyors Corp. of America ... 432

Gear Cutting Machines (Automatic)—
Manning, Maxwell & Moore, Inc. ... 476
Niles-Bement-Pond-Co. ... 560

Gearing (Silent, Flexible)—
General Electric Co. ... Cover

Gears & Pinions—
General Electric Co. ... Cover
National Railway Appliance Co. ... 14

Generators, Electric (A. C. or D. C.)—
Electric Service Supplies Co. ... 76
Fairbanks, Morse & Co. ... 260
General Electric Co. ... Cover
Graybar Electric Co., Inc. ... 268
Pyle-National Co., The ... 542
Star Headlight & Lantern Co. ... 798
Westinghouse Electric & Mfg. Co. ... 512

Generators (Turbo)—
Sunbeam Electric Mfg. Co. ... 104

Gilding Wheels (for applying Roll Gold or Roll Aluminum)—
American Roll Gold Leaf Co. ... 282

Glass Cleaner—
Cleanola Co. ... 490
Wilson-Imperial Co. ... 756 & 772

Glass Insulators.
Electric Service Supplies Co. ... 76
Graybar Electric Co., Inc. ... 268

Glassware (Lighting)—
Adams & Westlake Co. ... 330
Star Headlight & Lantern Co. ... 798

Globe Valves—
Reading Steel Casting Co. ... 586

Gold Leaf (Ribbon, Roll, or Book Form)—
American Roll Gold Leaf Co. ... 282

Gold Paints—
Glidden Co., The ... 352
Sherwin-Williams Co. ... 786

TRADE MINWAX MARK

The Original Elastic Cotton Membrane System of Bridge Deck and Sub-Level

WATERPROOFING

The Standard Waterproofing of the Leading American Railroads

Minwax Company, Inc.

Manufacturers and Consulting Engineers on Waterproofing Problems

270 Madison Avenue, New York

Chicago: 230 East Ohio Street Philadelphia: Schaff Bldg.

"The Proof of Quality is a Record of Service"

BREWSTER METALLIC PACKING INSURES CONSTANT ECONOMY

MORRIS B. BREWSTER, INC.
332 S. MICH. BLVD., CHICAGO
375 BROADWAY, BOSTON

Grab Buckets—*See Buckets (Elevator).*

Grab Irons—
Steel Car Forge Co..... 606
Wine Ry. Appliance Co., The..... 336

Grab Iron Thimbles—
Wine Ry. Appliance Co., The 336

Grade Crossing Cement—
Barber Asphalt Co..... 450

Grain Doors—
Exchange Sawmills Sales Co.. 366
Jones Car Door Co..... 98

Graphite—
Detroit Graphite Co..... 538
Dixon Crucible Co., Jos..... 26
Pettinos, Geo. F..... 578
Superior Flake Graphite Co..... 116

Graphite Grease—
Pettinos, Geo. F..... 578
Superior Flake Graphite Co..... 116

Graphite Paint—*See Paint, Graphite.*

Graphite Pipe Cement—
Detroit Graphite Co..... 538

Graphite Pipe Joint Compound—
Dixon Crucible Co., Joseph..... 26
Pettinos, Geo. F 578
Superior Flake Graphite Co..... 116

Grate Shakers (Power)—
Franklin Ry. Supply Co..... 76

Gravel Screening Plants—
Western Wheeled Scraper Co..... 298

Grease (Graphite)—
Dixon Crucible Co., Jos..... 26
Superior Flake Graphite Co..... 116

Grease Cups—
Flannery Bolt Co. 566
Huron Manufacturing Co..... 384
Prime Manufacturing Co..... 346

Grease Plugs—
Huron Manufacturing Co..... 384
Prime Manufacturing Co..... 346

Grey Iron Castings—
See Castings Grey Iron.

Grinders (Drill)—*See Drill Grinders.*

Grinders (Electric)—
See Electric Grinders.

Grinders (Internal)—
Micro Machine Co..... 802

Grinders (Pneumatic)—
Chicago Pneumatic Tool Co..... 16
Cleveland Pneumatic Tool Co..... 142
Independent Pneumatic Tool Co... 140

Grinders (Rotary)—
Pratt & Whitney Co..... 452

Grinding Machinery—
Besly & Co., Chas. H..... 78
Greenlee Bros. & Co..... 772
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560

Grinding Machines (Portable Electric)—
Chicago Pneumatic Tool Co..... 16
Graybar Electric Co., Inc..... 268
Independent Pneumatic Tool Co... 140
Keller, Inc., William H..... 456

Grinding Wheels—
Carborundum Co..... 458
New York Belting & Packing Co... 310

Grip Nuts—
Grip Nut Co..... 130

Guard Rail Clamps and Fasteners—
American Chain Co..... 350
Cleveland Frog & Crossing Co..... 448
De Remer-Blatchford Co..... 318
Du-Wel Steel Products Co..... 750
Frog, Switch & Mfg. Co..... 640
Lorain Steel Co..... 488
M. W. Supply Co..... 372
Morden Frog & Crossing Works.... 406
Nat'l Malleable & Steel Castings Co. 426
Positive Rail Anchor Co..... 504
Q & C Co.....Cover & 402
Ramapo Ajax Corporation..... 328
Track Specialties Co..... 750
Weir Kilby Corp..... 102
Wharton, Jr., & Co., Inc., Wm..... 292

Guard Rails—
American Chain Co..... 350
Bethlehem Steel Co.....368 & 626
Du-Wel Steel Products Co..... 750
Lorain Steel Co..... 488
Louisville Frog & Switch Co..... 108
Morden Frog & Crossing Works.... 406
Ramapo Ajax Corporation..... 328
Wharton, Jr. & Co., Inc., Wm..... 292

Guards (Electric Lamp)—
Graybar Electric Co., Inc..... 268

Gun Iron Castings—
Hunt-Spiller Manufacturing Corp. 484

Hack Saw Blades (Hand & Power)—
Peerless Machine Co..... 758

Hack Saw Blades (Tungsten & Carbon)
Atkins & Co., E. C..... 492

Hack Saw Frames—
Atkins & Co., E. C..... 492

Hack Saws (Hand and Power)—
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc.... 476

Louisville Frog & Switch Co., Inc.

MANUFACTURERS OF

Special and Standard Track Material, of Manganese and Carbon Steel Construction, for Steam and Electric Roads, Mines and Industrial Works

FIRST CLASS WORK, REASONABLE PRICES AND PROMPT DELIVERIES

Our Engineering Department is at Your Service
Let us quote on your requirements

LOUISVILLE, KENTUCKY

CAST STEEL BOLSTERS
CAST STEEL TRUCK FRAMES

AND

Steel Castings of Every Description

ROLLING MILL
Bars, Angles and Shapes

Scullin Steel Co.

6700 Manchester Ave. - ST. LOUIS, MO.

NEW YORK OFFICE:
2050 Grand Central Terminal

CHICAGO OFFICE:
McCormick Building

ST. PAUL OFFICE:
Merchants Bank Building

RICHMOND, VA., OFFICE:
Mutual Building

Hair Felt Manufacturers—
Johns-Manville, Inc 316
Hammers, Belt & Motor Driven—
Beaudry Co., Inc..... 60
Consolidated Mach. Tool Corp..... 124
Hammers (Board Drop)—
Chambersburg Engineering Co..... 162
Consolidated Mach. Tool Corp..... 124
Hammers (Pneumatic)—
See Pneumatic Tools.
Hammers (Power)—*See Power Hammer.*
Hammers (Steam)—*See Steam Hammers.*
Hand Brake Equipment—
Natl. Malleable & Steel Castings Co. 426
Talmage Mfg. Co..... 8
Universal Draft Gear Attachment Co.—..... 88
Hand Brakes—
Jemco Products Co. 750
Hand Fire Extinguisher—
Castle, Jas. M., Inc..... 610
Johns-Manville, Inc..... 316
Hand Inspection and Push Cars—
Buda Company..... 418
Fairbanks, Morse & Co..... 260
Kalamazoo Railway Supply Co.... 444
Sherbourne & Co.... 362
Hand Lantern Batteries (Electric)—
See Batteries (Electric Hand Lantern).
Hand Railings—
Van Dorn Iron Wks. Co..... 338
Hand Saws—
Atkins & Co., E. C..... 492
Crowe Mfg. Corp..... 666
Hand Stocks and Dies—
Pratt & Whitney Co..... 452
Walworth Co.....Cover & 388
Hand Taps—
Besly & Co., Chas H..... 78
Handles for Saws—
Atkins & Co., E. C..... 492
Hangers—
Van Dorn Iron Wks. Co..... 338
Heading and Upsetting Machines—
Manning, Maxwell & Moore, Inc.... 476
National Machinery Co., The.. 546
Headlight Cases—
Pyle-National Co..... 512
Sunbeam Electric Mfg. Co..... 104
Headlight Oil—
Galena-Signal Oil Co..... 470
Texas Company... 614
Headlights (Electric & Oil)—
Adams & Westlake Co..... 330
Star Headlight & Lantern Co..... 798
Sunbeam Electric Mfg. Co..... 104
Head Linings (Fire Proof)—
Adams & Westlake Co..... 330
Heat Regulators—
Railway Utility Co..... 622
Heaters (Electric)—
Consolidated Car Heating Co..... 762
Gold Car Heating & Lighting Co. . 420
Johns-Manville, Inc..... 316
Railway Utility Co..... 622
Heaters (Portable)—
Mahr Mfg. Co..... 766
Heaters (Switch)—
Cameron-Spouse Mfg. Co..... 786
M. W. Supply Co..... 372
Q & C Co.....Cover & 402
Heating Systems (Car)—
Consolidated Car Heating Co..... 762
Railway Utility Co..... 622
High Pressure Hydraulic Valves—
Birdsboro Steel Fdy. & Mach. Co... 430
High Speed Drills and Reamers—
Brubaker & Bros. Co., W. L.. 580
High Speed Steel—*See Tool Steel.*
High Tension Fuses—
Lundy Co., E. A..... 482
High Tension Switches—
Lundy Co., E. A..... 482
Highway Crossing Bells—
See Crossing Alarms.
Hinge Shield, Anti-Pinch—
Morton Mfg. Co..... 302
Hob Taps—
Besly & Co., Chas. H..... 78
Hoist Chains—
American Chain Co..... 350
Hoisting Engines—
American Hoist & Derrick Co..... 466
Hoisting Machinery—
American Hoist & Derrick Co..... 466
Brown Hoisting Machy. Co., Inc.... 448
Detroit Hoist & Machine Co..... 290
McMyler Interstate Co..... 578
Orton Crane & Shovel Co..... 120
Hoisting Rope (All Kinds)—
American Cable Co..... 648
American Hoist & Derrick Co..... 466
Roebling's Sons Co., John A..... 642
Hoists—
American Hoist & Derrick Co..... 466
Chicago Pneumatic Tool Co..... 16
Consolidated Mach. Tool Corp..... 124
Ford Chain Block Co..... 6
Independent Pneumatic Tool Co... 140
Ingersoll-Rand Co..... 56
Manning, Maxwell & Moore, Inc.... 476
McMyler Interstate Co..... 578
Niles-Bement-Pond Co..... 560
Richards-Wilcox Mfg. Co..... 100
Whiting Corporation..... 554
Yale & Towne Mfg. Co..... 4
Hoists (Chain)—
Consolidated Mach. Tool Corp..... 124
Ford Chain Block Co..... 6
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Richards-Wilcox Mfg. Co..... 100
Yale & Towne Mfg. Co... 4
Hoists (Electric)—
American Hoist & Derrick Co..... 466
Consolidated Mach. Tool Corp..... 124
Detroit Hoist & Machine Co..... 290
General Electric Co..... .....Cover
Graybar Electric Co., Inc..... 268
Independent Pneumatic Tool Co... 140
Manning, Maxwell & Moore, Inc.... 476
(*Continued on following page.*)

FLAXLINUM

The Flax Fibre Insulator.

Chemically purified, felted, self-sustaining, semi-rigid—the lasting and efficient protector for Refrigerator Cars.

FLAXLINUM INSULATING CO.
ST. PAUL, MINN.

NATIONAL RAILWAY APPLIANCE CO., NEW YORK
General Eastern Sales Agents
UNION ASBESTOS & RUBBER CO., CHICAGO
General Western Sales Agents

ALUMINO-THERMIC CORPORATION

ROSELLE PARK NEW JERSEY

ALUMINO-THERMIC
FERALITE
WELDING MIXTURE

FERALITE, the last word in Alumino-Thermic economy.

FERALITE process for Alumino-Thermic welding represents the combined knowledge of technical as well as practical experience in the Alumino-Thermic art.

Specify **FERALITE** to insure best results for all Alumino-Thermic welding, such as broken locomotive frames, mud rings, wheel spokes, etc.

Our service covers all necessary equipment, *i. e.*, Crucibles, Tripods, Ignition Powder, Magnesia Stones, Thimbles, Plugging Material, Yellow Wax, Magnesia Tar, etc.

An inquiry will convince you that our prices, quality and service will insure economy and satisfaction.

Hoists (Electric)—*Continued.*
Niles-Bement Pond Co. 560
Sullivan Machinery Co. 582
Whiting Corporation 554
Yale & Towne Mfg. Co. 4
Young Mfg. Co., R. W. 794

Hoists (Hand)—
Ford Chain Block Co. 6
Richards-Wilcox Mfg. Co. 100
Yale & Towne Mfg. Co. 4

Hoists (Pneumatic)—
Chicago Pneumatic Tool Co. 16
Detroit Hoist & Machine Co. 290
Independent Pneumatic Tool Co. 140
Ingersoll-Rand Co. 56
Manning, Maxwell & Moore, Inc. 476
Niles-Bement-Pond Co. 560
Richards-Wilcox Mfg. Co. 100
Sullivan Machinery Co. 582
Whiting Corporation 554

Hoists (Portable)—
Chicago Pneumatic Tool Co. 16
Ingersoll-Rand Co. 56
Sullivan Machinery Co. 582

Hoists (Screw Jack)—
Whiting Corporation 554

Holders-On—
Chicago Pneumatic Tool Co. 16
Cleveland Pneumatic Tool Co. 142
Keller, Inc., William H. 456
King Pneumatic Tool Co. 148
Oldham & Son Co., Geo. 148

Hollow Brick Arches (Locomotive)—
American Arch Co. 304

Hollow Metal Doors—
Morton Mfg. Co. 302

Hollow Metal Windows—
Lupton's Sons Co., David 132

Hollow Shafting (Steel or Iron)—
Falls Hollow Staybolt Co. 796

Hollow Shafting, Tubing for—
National Tube Co. 20

Hollow Staybolts—
Penn Iron & Steel Co. 762
Ulster Iron Works 92

Hopper Closets (Wet or Dry)—
Duner Co. 788

Horizontal Boring, Drilling & Milling Machines—
Consolidated Mach. Tool Corp. 124
Manning, Maxwell & Moore, Inc. 476
Niles-Bement-Pond Co. 560
Vandyck Churchill Co. 154

Horizontal Punches—
Consolidated Mach. Tool Corp. 124
Wickes Bros. 666
Williams, White & Co. 144

Hose: Air, Fire, Pneumatic and Steam—
Chicago Pneumatic Tool Co. 16
Cleveland Pneumatic Tool Co. 142
Independent Pneumatic Tool Co. 140
Ingersoll-Rand Co. 56
Keller, Inc., William H. 456
King Pneumatic Tool Co. 148
New York Belting & Packing Co. 310
Quaker City Rubber Co. 404
Union Asbestos & Rubber Co. 692
Wood Co., Guilford S. 510
Woven Steel Hose & Rubber Co. 356

Hose Bands—
Natl. Malleable & Steel Castings Co. 426
Westinghouse Air Brake Co. 258

Hose Clamps—
Chicago Pneumatic Tool Co. 16
Cleveland Pneumatic Tool Co. 142
Gill Railway Supply Co. 118
Keller, Inc., William H. 456
Natl. Malleable & Steel Castings Co. 426

Hose Connections—
Cleveland Pneumatic Tool Co. 142
Huron Manufacturing Co. 384
Prime Manufacturing Co. 346

Hose Coupler Chains—
American Chain Co. 350

Hose Couplings—
Chicago Pneumatic Tool Co. 16
Cleveland Pneumatic Tool Co. 142
Independent Pneumatic Tool Co. 140
Ingersoll-Rand Co. 56
Keller, Inc., William H. 456
King Pneumatic Tool Co. 148

Hose Reel (Automatic)—
See Automatic Hose Reel.

Hot Box Compound—
Gill Railway Supply Co. 118

Hotel Checks—
American Railway Supply Co. 150

Hub-Liner Metal—
Ajax Metal Co. 60
Badeker Mfg. Co. 126
Damascus Bronze Co. 348

Hub Liner (Vulcanized Fibre)—
Diamond State Fibre Co. 298
National Vulcanized Fibre Co. 404
Spaulding Fibre Co. 704

Hydrants (Cinder Pit, Fire, Water and Yard)—
Cook, Inc., A. D. 86
Murdock Mfg. & Supply Co. 520

Hydraulic Accumulators—
Bethlehem Steel Co. .... 368 & 626

Hydraulic Gages—*See Steam Gages.*

Hydraulic Jacks—
Duff Mfg. Co. 612
Henderer's Sons, A. L. 768
Joyce-Cridland Co. 114
Kalamazoo Ry. Supply Co. 444
Sherburne & Co. 362
Watson-Stillman Co. 664

Hydraulic Machinery—
Bethlehem Steel Co. .... 368 & 626
Chambersburg Engineering Co. 162
Consolidated Mach. Tool Corp. 124
Niles-Bement-Pond Co. 560
Ryerson & Son, Jos. T. 616
Sherburne & Co. 362
Southwark Foundry & Machine Co. 272
Watson Stillman Co. 664
Wood & Co., R. D. 120

Hydraulic Packing—
New York Belting & Packing Co. .. 310
Quaker City Rubber Co. 404
Universal Packing Corp. 702
Watson-Stillman Co. 664
Woven Steel Hose & Rubber Co. 356

Cabot's Creosote Shingle Stains

The Standard Stains for Shingles, Siding or Trimmings. The first shingle-stains ever made, and quality guaranteed by thirty years' use all over the world. Made of the strongest and finest colors, ground in pure linseed oil, and Creosote, "the best wood preservative known." No cheapeners, no adulterants, **no kerosene or benzine.**

Cabot's "Quilt"

HEAT-PROOF COLD-PROOF SOUND-PROOF

The warmest lining. One layer is warmer than 40 layers of common building paper. Uninflammable, non-decaying, vermin-proof. Insulates heater and refrigerator cars, cold-storage and ice-houses, and all other buildings. Deadens sound in floors and partitions, and in cars.

Cabot's Waterproof Stucco and Brick Stains
For waterproofing and artistically tinting stucco and similar cement surfaces and restoring old, faded and discolored bricks.

Cabot's Conservo Wood Preservative
For preserving ties, poles, planking and all lumber exposed to decay.

Cabot's Damp-proofing
For direct plastering on brick or concrete without studding or lathing.

Cabot's Flexiblac Protective Paint
For protecting iron and steel from rust, corrosion and electrolysis.

Send for samples and prices. Lampblack—Disinfectants—Roof Paints

SAMUEL CABOT, Inc., Manfg. Chemists, Boston, Mass.
342 Madison Ave., New York 5000 Bloomingdale Ave., Chicago

THINK IT OVER!

Officers of railways which are not using POLARIZED treatment are doubtless interested in the reports of those who have been obtaining the benefit of its use for several years.

You now have the advantage of the long experience of others to back you up in your recommendation that your road use POLARIZED treatment in bad-water districts.

Mechanical officers can guarantee to executives the following benefits, and point to the results obtained by other efficiently operated railways, as proof.

Flue mileage better than doubled.
Fire box maintenance greatly reduced.
Washout expense reduced 50%.
No foaming tendency.
No dependency upon engine crews for use of treatment.
Reduced cost of treatment itself over any other in use.

THINK IT OVER AND WRITE US FOR OUR TREATISE ON BOILER WORK

THE BIRD-ARCHER COMPANY

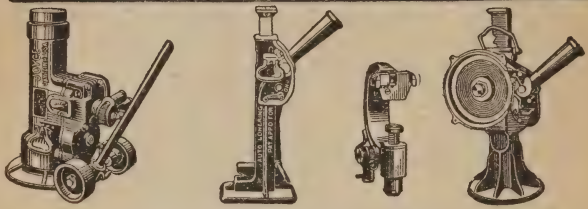
33 RECTOR STREET, NEW YORK

Northwestern District Office
Peoples Gas Building, Chicago, Ill.

Southwestern District Office
Frisco Bldg., St. Louis, Mo.

Hydraulic Presses—
Bethlehem Steel Co.....368 & 626
Chambersburg Engineering Co 162
Consolidated Mach. Tool Corp..... 124
Southwark Foundry & Machine Co. 272
Watson-Stillman Co 664
Williams, White & Co..... 144
Wood & Co., R. D..... 120
Hydraulic Pumps—
Bethlehem Steel Co.....368 & 626
Watson Stillman Co 664
Worthington Pump & Machy. Corp. 562
Hydraulic Punches
See Punches (Hydraulic).
Hydraulic Riveters—
See Riveters (Hydraulic)
Hydraulic Turbines—
Worthington Pump & Machy. Corp. 562
Hydraulic Valves—
Ashton Valve Co..... 782
Bethlehem Steel Co.....368 & 626
Birdsboro Steel Fdy. & Mach. Co... 430
Chambersburg Engineering Co..... 162
Reading Steel Casting Co..... 586
Southwark Foundry & Machine Co. 272
Wood & Co., R. D..... 120
Hydrogen—
Air Reduction Sales Co..... 22
Carbo-Oxygen Co..... 18
Ice Elevating & Conveying Machinery—
Gifford-Wood Co 526
Ice House Insulation—
Celotex Co..... 602
Ice Tools & Icing Station Equipment—
Gifford-Wood Co..... 526
Ignition Wire—
American Steel & Wire Co..... 264
Roebling's Sons Co., John A 642
Standard Underground Cable Co... 434
Inclined Car Haul Hoists—
Orton Crane & Shovel Co..... 120
Indestructible Fibre—
See Fibre (Indestructible).
Industrial Cars—
Lorain Steel Co..... 488
Western Wheeled Scraper Co 298
Industrial Lighting Equipment—
See Lighting Equipment.
Industrial Trucks & Tractors (Elec.)—
Baker-Raulang Co..... 301
Buda Company..... 418
Crescent Truck Co..... 436
Elwell-Parker Electric Co 320
Transportation Engineering Corp.. 548
Yale & Towne Mfg. Co..... 4
Ingot Metals—
Ajax Metal Co..... 60
Damascus Bronze Co..... 348
Ingots (Steel)—
Carnegie Steel Co..... 280
Edgewater Steel Co..... 498
Illinois Steel Co..... 378
Midvale Co..... 460
Injectors (Locomotive)—
Edna Brass Mfg. Co..... 172
Manning, Maxwell & Moore, Inc.... 476
Nathan Mfg. Co..... 514
Ohio Injector Co..... 780
Sellers & Co., Inc., Wm 508
Superheater Co.....Foot notes & 90
Insecticides—
West Disinfecting Co..... 318
Inspecting Engineers—
Hunt Co., R. W..... 508
Laverie & Sons, Inc., R. H..... 632
Pittsburgh Testing Laboratory 272
Inspection Cars (Gasoline)—
Buda Company..... 418
Fairbanks, Morse & Co..... 260
Fairmont Railway Motors, Inc..... 674
Kalamazoo Ry. Supply Co..... 444
Mudge & Co..... 516
Northwestern Motor Co..... 336
Insulated Cable—
See Insulated Wire & Cables.
Insulated Cables (Paper)—
Okonite-Callendar Cable Co..... 1
Insulated Rail Joints—
Chicago Ry. Signal & Supply Co.... 86
Louisville Frog & Switch Co..... 108
Q & C Co.....Cover & 402
Rail Joint Co., The..... 574
Railroad Supply Co.....Cover & 24
Insulated Switch Rods—
Chicago Ry. Signal & Supply Co.... 86
Lorain Steel Co..... 488
Weir Kilby Corp..... 102
Wharton, Jr., & Co., Wm..... 292
Insulated Wire and Cables—
American Insulated Wire & Cable Co 638
American Steel & Wire Co..... 264
Copperweld Steel Co..... 322
General Electric Co.....Cover
Graybar Electric Co., Inc..... 268
Kerite Insulated Wire & Cable Co.. 956
Okonite Co., The..... 1
Railroad Supply Co.....Cover & 24
Roebling's Sons Co., John A..... 642
Standard Underground Cable Co... 434
Insulating Cloth—
General Electric Co.....Cover
Lehon Co..... 150
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152
Standard Underground Cable Co .. 434
Insulating Compound—
Standard Underground Cable Co .. 434
Insulating Materials—
Barber Asphalt Co..... 450
Barrett Co..... 360
Cabot, Inc., Samuel..... 112
Celotex Co..... 602
Cork Import Corp..... 698
Diamond State Fibre Co..... 298
Flaxlinum Insulating Co..... 110
General Electric Co .....Cover
Graybar Electric Co., Inc..... 268
Johns-Manville, Inc..... 316
Lehon Co., The..... 150
Milar, Clinch & Co..... 646
National Vulcanized Fibre Co..... 404
Nelson Mfg. Co., B. F..... 152
Pruett-Schaffer Chemical Co..... 802
Ruberoid Co..... 152
Spaulding Fibre Co..... 704
Standard Underground Cable Co.. 434
Union Asbestos & Rubber Co..... 692
Wood Conversion Co..... 72

JOYCE JACKS



FOR 50 years—since 1873—JOYCE JACKS have been the approved standard on the majority of the Railroads. The line includes all sizes of self-lowering, journal, geared ratchet, push and pull, hydraulic, lever and miscellaneous types for Railroad service.

THE JOYCE-CRIDLAND CO., Dayton, Ohio

DO IT WITH A JORDAN

Spreader - Ditcher - Snow-Plow

"Does the work of an army of men"

O. F. JORDAN COMPANY
East Chicago, Ind.

Insulating Papers—
Barber Asphalt Co. 450
Barrett Co. 360
Diamond State Fibre Co. 298
General Electric Co. Cover
Johns-Manville, Inc. 316
Lehon Co. 150
National Vulcanized Fibre Co. 404
Nelson Mfg. Co., B. F. 152
Ruberoid Co. 152
Spaulding Fibre Co. 704
Whall Co., C. H. 310

Insulating Tape—
General Electric Co. Cover
Graybar Electric Co., Inc. 268
Johns-Manville, Inc. 316
Kerite Insulated Wire & Cable Co. 956
Lehon Co. 150
Okonite Co., The 1
Ruberoid Co. 152
Standard Underground Cable Co. 434

Insulating Varnish—*See Varnish Insulating.*

Insulation for Cars and Car Doors—
See Car Door Insulation.

Insulation (Vulcanized Fibre)—
Diamond State Fibre Co. 298
National Vulcanized Fibre Co 404
Spaulding Fibre Co. 704
Whall Co., C. H. 310

Insulators (Glass)—
Electric Service Supplies Co. 76
Graybar Electric Co., Inc. 268

Insulators (Porcelain High Tension)—
Lundy Co., E. A. 482
Ohio Brass Co 146

Insulators (Third Rail)—
Asbestos Shingle, Slate & Sheathing Co. 544
Electric Service Supplies Co. 76
General Electric Co. Cover
Ohio Brass Co. 146

Interior Trim for Steel Cars—
Hale-Kilburn Co. 506

Interlocking Apparatus for Switches and Signals—
American Valve & Meter Co. 392 & 456
Chicago Ry. Signal & Supply Co. 86
General Railway Signal Co. 2
Railroad Supply Co. Cover & 24
Union Switch & Signal Co. 590

Interlocking Switch Stands—
American Valve & Meter Co. 392 & 456

Interlocking Tiling—
New York Belting & Packing Co. 310

Internal Grinders—
Micro Machine Co. 802

Intertrack Fence—
Stewart Iron Works Co. 598

Iron and Steel—
Bethlehem Steel Co 368 & 626
Burden Iron Co., R. R. & S. S. Div. 768
Carnegie Steel Co. 280
Ewald Iron Co. 800
Falls Hollow Staybolt Co. 796
Firth Sterling Steel Co. 786
Illinois Steel Co. 378
Inland Steel Co. 694
(Continued on following column.)

Iron and Steel—*Continued.*
Lockhart Iron & Steel Co. 94
Logan Iron & Steel Co. 356
Lorain Steel Co. 488
Ludlum Steel Co. 764
Lukens Steel Co. 172
Old Dominion Iron & Steel Wks., Inc. 788
Pittsburgh Steel Co 652
Republic Iron & Steel Co. 440
Ryerson & Son, Jos. T. 616
Standard Steel Works Co. 380
Ulster Iron Works 92
Wharton, Jr., & Co., Inc., Wm. 292
Wheeling Steel Corp. 618
Wood Iron & Steel Co., Alan 672

Iron Bars (Hollow or Solid)—
Falls Hollow Staybolt Co. 796
Logan Iron & Steel Co. 356
Old Dominion Iron & Steel Wks., Inc. 788
Ryerson & Son, Jos. T. 616
Ulster Iron Works 92

Iron Cement—
Johns-Manville, Inc. 316

Iron Fillers—
Arco Co. 486
Detroit Graphite Co. 538
Glidden Co., The 352
Kay & Ess Co. 548
Sherwin-Williams Co. 786

Iron Paint—
Acme White Lead & Color Wks. 588
Arco Co 486
Barrett Co. 360
Detroit Graphite Co. 538
Du Pont de Nemours & Co., E. I. 354
Glidden Co., The 352
Kay & Ess Co. 548
Lehon Co. 150
Long, Jr., Co., Chas. R. 790
Ruberoid Co. 152
Sherwin-Williams Co. 786

Jacks—
Buckeye Jack Mfg. Co., The 428
Buda Company 418
Clark Mfg. Co. 622
Duff Manufacturing Co. 612
Hackmann Ry. Supply Co. 552
Henderer's Sons, A. L. 768
Joyce-Cridland Co. 114
Kalamazoo Ry. Supply Co. 444
Norton, Inc., A. O. 572
Pettibone Mulliken Co. Cover
Sherburne & Co 362
Templeton, Kenly & Co. 496
Verona Tool Works 628
Watson-Stillman Co. 664
Whiting Corporation 554
Wood Co., Guilford S. 510

Jam Riveters—
Chicago Pneumatic Tool Co. 16
Cleveland Pneumatic Tool Co. 142
Keller, Inc., William H. 456
Oldham & Son Co., Geo. 148

Japan Dryers—
Arco Company 486
Berry Bros. 374
Du Pont de Nemours & Co., E. I. 354
Glidden Co., The 352
Sipe & Co., James B. 796

"Superflake" Graphite Products

FOR RAILROAD USE

ALL GRADES OF FLAKE AND AMORPHOUS GRAPHITE

BOILER GRAPHITE — PENETRATING OIL

GRAPHITE PAINT — AIR BRAKE GRAPHITE

FRONT END PAINT — GRAPHITE GREASES

SUPERFLAKE GRAPHITE

Packed in
CANS, KEGS & BARRELS

Superior Flake Graphite Co.

Mines
Ashland, Alabama

33 So. Clark St., CHICAGO
Warehouse in Chicago

SEND US YOUR INQUIRIES

Letter "N"
On Each Head
They are Better

Heat Treated
Oil Quenched
A.R.A. Standard

KNUCKLE PINS

Brake Pins — Brake Shoe Keys

Coupler Yoke Rivets — Coupler Pocket Pins

CAR FORGINGS

NATIONAL FORGE CO., Louisville, Ky.

Japan Oils—
Arco Company..... 486
Ball Chemical Co..... 490
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Pruett-Schaffer Chemical Co..... 802
Sipe & Co., James B..... 796

Japans—
Acme White Lead & Color Wks..... 588
Anglo-American Varnish Co..... 332
Arco Company..... 486
Brooks & Co., Clarence..... 696
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Kay & Ess Co..... 548
Milar, Clinch & Co..... 646
Pruett-Schaffer Chemical Co..... 802
Sherwin-Williams Co..... 786
Sipe & Co., James B..... 796

Jaws (Brake & Push Rod)—
Nat. Malleable & Steel Castings Co. 426
Western Railway Equipment Co... 396

Joint Plates—
Dilworth, Porter & Co., Ltd. Cover & 500

Journal Bearings—
Ajax Metal Co..... 60
Bronze Metal Co..... 770
Chicago Bearing Metal Co..... 288
Damascus Bronze Co..... 348
Edna Brass Mfg. Co..... 172
Eureka Brass Co..... 772
Gilbert & Sons Brass Fdy. Co., A.... 788
Keystone Bronze Co..... 10
Magnus Co., Inc..... 326
More-Jones Brass & Metal Co..... 792

Journal Box Dust Guards—
See Dust Guards.

Journal Box Jacks—*See Jacks.*

Journal Box Packing—
Hagy Waste Works, J. Milton..... 766
Sherburne & Co..... 362

Journal Box Packing Reclaiming Contractors—
Transportation Devices Corp..... 326

Journal Box Wedges—
Marion Malleable Iron Works..... 760
Nat. Malleable & Steel Castings Co. 426
Standard Forgings Co..... 688
Steel Car Forge Co..... 606
Symington Co., The..... 474
U. S. Chain & Forging Co..... 778
Western Railway Equipment Co... 396

Journal Boxes and Box Lids—
Bradford Corp..... 680
Chicago Malleable Castings Co..... 128
Chicago Railway Equipment Co.... 624
Davis Brake Beam Co..... 64
Gould Coupler Co..... 532
Nat. Malleable & Steel Castings Co. 426
Pratt & Letchworth Co..... 762
Symington Co., The..... 474
Union Spring & Mfg. Co..... 676
Western Railway Equipment Co... 396
Woodman Ry. Supply Co..... 134

Journal Truing Lathes—
Consolidated Mach. Tool Corp..... 124

Journal Truing Machine (Portable)—
Dunn Co., W. C..... 794

Journal Turning Lathes—
Niles-Bement-Pond Co..... 560

Key Seaters—
Manning, Maxwell & Moore, Inc.... 476
Ryerson & Son, Jos. T..... 616

Keys—
American Nut & Bolt Fastener Co.. 130

Knuckle Pins—
American Steel Foundries..... 398
De Remer-Blatchford Co..... 318
National Forge Co..... 116
Nat. Malleable & Steel Castings Co. 426
Steel Car Forge Co..... 606

Knuckles—
American Steel Foundries..... 398
Du-Wel Steel Products Co..... 750
Nat. Malleable & Steel Castings Co. 426
Q & C Co.....Cover & 402

Laboratories—
Hunt Co., Robt. W..... 508
Laverie & Sons, Inc., R. H..... 632
Pittsburgh Testing Laboratory..... 272

Lacquer Reducers—
Glidden Co..... 352

Lacquer Undercoats & Enamels—
Du Pont de Nemours & Co., E. I.... 354
Glidden Co..... 352

Lacquers—
Du Pont de Nemours & Co., E. I.... 354
Glidden Co..... 352

Ladders (Freight Car)—
Damascus Brake Beam Co..... 758
Wine Ry. Appliance Co., The..... 336

Lagging—*See Locomotive Lagging.*

Lamp Black—
Cabot, Inc., Samuel..... 112

Lamp Guards—
Electric Service Supplies Co..... 76
General Electric Co.....Cover

Lamp Jacks—
Globe Ventilator Co..... 72

Lamp Sockets (Weatherproof)—
Benjamin Electric Mfg. Co..... 550
Bryant Electric Co..... 282
General Electric Co.....Cover
Graybar Electric Co., Inc..... 268

Lamps (Car and Signal)—
Adams & Westlake Co..... 330
Dayton Mfg. Co..... 602
General Electric Co.....Cover
Gray & Sons, Inc., Peter..... 786
Sherburne & Co..... 362
Star Headlight & Lantern Co..... 798

Lamps (Car Lighting and Headlights).
Adams & Westlake Co..... 330
Electric Service Supplies Co..... 76
General Electric Co.....Cover
Graybar Electric Co., Inc..... 268
Pyle-National Company..... 542
Star Headlight & Lantern Co..... 798

Lamps (Electric)—
General Electric Co.....Cover
Graybar Electric Co., Inc..... 268
Westinghouse Electric & Mfg. Co... 512

Lamps (Engine)—
Star Headlight & Lantern Co..... 798

Lamps (Theft-Proof)—
Lundy Co., E. A..... 482

GILL RAILWAY SUPPLY CO.

GRISCO RAILWAY, MACHINE SHOP
AND BOILER PLANT
SPECIALTIES

304 SOUTH ADAMS STREET
PEORIA, ILL.

DUQUESNE STEEL FOUNDRY CO.

1203 Union
Bank Building

Pittsburgh
Penna.

Miscellaneous Locomotive and Car Castings

Engine Frames and Wheel Centers

Lantern Globes—
Adams & Westlake Co..... 330
Blackall, Robert H..... 138
Gray & Sons, Peter..... 786
Star Headlight & Lantern Co..... 798
Lanterns—
Adams & Westlake Co..... 330
Economy Electric Lantern Co..... 92
Gray & Sons, Inc., Peter..... 786
Sherburne & Co..... 362
Star Headlight & Lantern Co..... 798
Lanterns (Electric)—
See Electric Lanterns.
Latches and Dead Locks—
Adams & Westlake Co..... 330
Eagle Lock Co..... 544
Lathe Boring Bars—
Manning, Maxwell & Moore, Inc.... 476
Pedrick Tool & Machine Co..... 630
Underwood Corp., H. B..... 302
Lathe Chucks—
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Lathe Mandrels (Expanding)—
Manning, Maxwell & Moore, Inc.... 476
Lathe Tools—
Armstrong Bros. Tool Co..... 478
Pratt & Whitney Co..... 452
Lathes (Metal)—
Consolidated Mach. Tool Corp..... 124
Duff Mfg. Co..... 612
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Pratt & Whitney Co..... 452
Ryerson & Son, Jos. T..... 616
Sellers & Co., Inc., Wm..... 508
Vandyck Churchill Co..... 154
Wickes Bros..... 666
Lathes (Wheel Turning)—
Consolidated Mach. Tool Corp..... 124
Lathes (Wood)—
Greenlee Bros. & Co..... 772
Lavatories—
Bradley Washfountain Co..... 686
Lead Covered Cables—
Graybar Electric Co., Inc..... 268
Lead Manufacturers—
Du Pont de Nemours & Co., E. I.... 354
National Lead Co..... 306
Leather Belting—*See Belting.*
Leather (Car & Bus Seat)—
Stengel & Rothschild, Inc..... 136
Leather Cloth—
Chase & Co., L. C..... 74
Mass. Mohair Plush Co..... 364
Leather Substitutes—
See Artificial Leather.
Lenses—
Adams & Westlake Co..... 330
Blackall, Robert H..... 138
Gray & Sons Peter..... 786
Star Headlight & Lantern Co..... 798
Letter Files—
Van Dorn Iron Works Co..... 338
Lever Gates—
Buda Company..... 418
Lifting Magnets—
Browning Crane Co..... 756
Electric Controller & Mfg. Co..... 754
Industrial Works..... 564
Niles Bement Pond Co..... 560
Ohio Elec. & Controller Co..... 754
Lighting Equipment—
Benjamin Electric Mfg. Co..... 550
Lighting Panel Boards—
See Panel Bourds.
Lighting Plants—
Buda Company..... 418
Pyle-National Company..... 542
Lighting Systems—Acetylene—
See Acetylene Lighting System.
Lighting Units (Angle)—
Benjamin Electric Mfg. Co..... 550
Lightning Arresters—
See Arresters (Lightning).
Lights (Construction)—
Marine Torch Co..... 498
Milburn Co., Alex..... 494
Limit Switches—
Electric Controller & Mfg. Co..... 754
Liner (Track)—
See Track Liner.
Liners for Cars (Paper)—
Kennedy Car Liner & Bag Co..... 568
Line Materials—
Electric Service Supplies Co..... 76
Graybar Electric Co., Inc..... 268
Johns-Manville, Inc..... 316
Lundy Co., E. A..... 482
Ohio Brass Co..... 146
Linesmens' Tools—
Graybar Electric Co., Inc..... 268
Liquid Soap—
West Disinfecting Co..... 318
Liquid Steel—
Metal & Thermit Corp..... 78
Lock Nuts—*See Nut Locks.*
Lock Washers—*See Nut Locks.*
Locks (Switch, Car and Signal)—
Adams & Westlake Co..... 330
Dayton Mfg. Co..... 602
Eagle Lock Co..... 544
Edwards Co., The O. M..... 576
Fraim-Slaymaker Hardware Co., Inc 778
Loeffelholz Company..... 702
Yale & Towne Mfg. Co..... 4
Lockers (Metal)—
Edwards Co., O. M., Inc..... 576
Van Dorn Iron Works Co..... 338
Lockers (Wood)—
Wilson Corp., J. G..... 88
Locomotive and Car Bearings—
See Journal Bearings.
Locomotive & Car Wheel Tires—
See Tires (Steel).
Locomotive Auxiliary—
Bethlehem Steel Co..... 368 & 626

HYDRAULIC MACHINERY

For R. R. and Car Shops

Wheel Presses, Bushing Presses, Flanging Presses, Bending Presses, Bulldozers, Forging Presses, Crankpin Presses, Riveters, Spring Machinery, etc.

R. D. WOOD & CO.

ESTABLISHED 1803

PHILADELPHIA, PA.

Locomotive Bell Ringer—
Baeeker Mfg. Co. 126
Hammett, H. G. 494
U. S. Metallic Packing Co. 312
Van Dorn Iron Works Co. 338
Viloco Ry. Equipment Co. 790
Western Ry. Equipment Co. 396

Locomotive Black—
Acme White Lead & Color Works.. 588
Arco Co 486
Berry Bros. 374
Du Pont de Nemours & Co., E. I. 354
Glidden Co., The 352
Kay & Ess Co., The 548
Sipe & Co., James B. 796

Locomotive Blow Off Valves—
See Blow-off Valves.

Locomotive Boiler and Fire Box Steel—
Bethlehem Steel Co. ..... 368 & 626
Carnegie Steel Co. 280
Illinois Steel Co. 378
Lukens Steel Co. 172
Ryerson & Son, Jos. T. 616
Wood Iron & Steel Co., Alan 672

Locomotive Boilers—
American Locomotive Co. 464
Ferguson-Allan Co. 472

Locomotive Boiler Treatment—
Bird-Archer Co., The 112
Dearborn Chemical Co. 178
Garratt-Callahan Co. 462
Paige & Jones Chemical Co. 292

Locomotive Boiler Washing System—
See Boiler Washing Systems.

Locomotive Brick Arches—
See Arches (Locomotive).

Locomotive Builders—
American Locomotive Co 464
Baldwin Locomotive Works 558
Lima Locomotive Works, Inc. 570
Newport News Shipbuilding & Dry Dock Co 710
Southern Iron & Equipment Co. 792

Locomotives (Electric)—
See Electric Locomotives.

Locomotives (Oil Electric)—
American Locomotive Co. 464
General Electric Co. ..... Cover
Ingersoll-Rand Co. 56

Locomotives (Second-Hand)—
Ferguson-Allan Co. 472
Hyman Michaels Co. 132
Southern Iron & Equipment Co. 792
Wilson & Co., E. H. 300

Locomotive Cab Lamps—
See Car Lamps.

Locomotive Castings—
See Castings (Railroad).

Locomotive Coaling Stations—
American Bridge Co. 66
American Hoist & Derrick Co. 466
Brown Hoisting Machinery Co., Inc. 448
Chicago Bridge & Iron Works 372
Fairbanks, Morse & Co. 260
(*Continued on following column*).

Locomotive Coaling Stations—*Cont'd.*
Gifford-Wood Co. 526
McMyler Interstate Co., The 578
Natl. Boiler Washing Co. of Ill. 584
Snow Construction Co., T. W. 678

Locomotive Crane Trucks—
Baker-Raulang Co. 304
Crescent Truck Co 436
Elwell-Parker Electric Co. 320

Locomotive Cranes—
American Hoist & Derrick Co. 466
Brown Hoisting Machinery Co., Inc. 448
Browning Crane Co. 756
Cleveland Railway Supply Co., The 776
Consolidated Mach. Tool Corp. 124
Ferguson-Allan Co. 472
Industrial Works 564
Manning, Maxwell & Moore, Inc. 476
McMyler Interstate Co., The 578
Orton Crane & Shovel Co. 120
Whiting Corporation 554

Locomotive Cranes (Gasoline)—
Industrial Works 564

Locomotive Cylinder Boring Bars (Portable)—
Pedrick Tool & Machine Co. 630
Underwood Corp., H. B. 302

Locomotive Driving Axles—
American Locomotive Co. 464
Bethlehem Steel Co. ..... 368 & 626
Carnegie Steel Co. 280
Illinois Steel Co. 378
Johnson & Co., J. R. 794
McMyler Interstate Co. 578

Locomotive Driving Boxes—
Ajax Metal Co. 60
American Locomotive Co. 464
Damascus Bronze Co. 348
Keystone Bronze Co. 10

Locomotive Driving Wheel Centres—
Commonwealth Steel Co. 162
Edgewater Steel Co. 498
Scullin Steel Co 108
Standard Steel Works Co. 380

Locomotive Driving Wheels—
Pratt & Letchworth Co. 762
Standard Steel Works Co. 380

Locomotive Eccentrics—
Western Railway Equipment Co. 396

Locomotive Feed Water Heaters—
See Feed Water Heaters (Locomotive).

Locomotive Finishing Varnishes—
See Varnish Manufacturers.

Locomotive Fireboxes—
American Locomotive Co. 464
Ferguson-Allan Co. 472
Locomotive Firebox Co. 344

Locomotive Fire Doors (Pneumatic)—
Franklin Ry. Supply Co. 76
National Railway Devices Co. 752

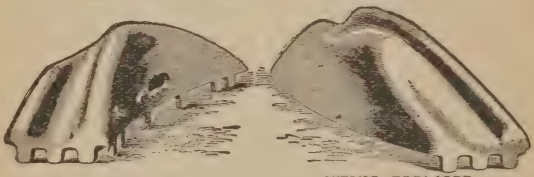
Locomotive Flue Blowers—
American Ry. Appliances Co. 676

THE ALEXANDER CAR REPLACER

MADE OF PRESSED STEEL PLATE

Will Save Cost at One Derailment

100,000 PAIR IN SERVICE



INSIDE REPLACER. Fig. 436 C

OUTSIDE REPLACER. Fig. 437 C

SIZES WE MANUFACTURE

NO. 1 REPLACER—Weight 164 pounds per pair; used on rail 5 to 6 inches high.

NO. 2 REPLACER—Weight 158 pounds per pair; used on rail 4 to 5½ inches high.

NO. 3 REPLACER—Made of ¾-inch steel plate for Electric Motors, Mine Engines, Electric Cars, and light equipment.

NO. 1 EXTRA HEAVY—Made of ¾-inch plate, weight 212 pounds per pair; same rail as standard No. 1.

SEND FOR CATALOG SHOWING USERS

The Alexander Car Replacer Manufacturing Co.

SCRANTON, PENNSYLVANIA

Locomotive Flue Cleaners—
See Flue Cleaners.
Locomotive Flue Expanders—
Faessler Mfg. Co., J. 524
Henderer's Sons, A. L. 768
Locomotive Forgings— *See Forgings.*
Locomotive Frame Drills—
Niles-Cement Pond Co. 560
Locomotive Frames—
American Locomotive Co. 464
Leasing Steel Casting Co. 586
Standard Steel Works Co. 380
Union Steel Casting Co. 760
Woodman Ry. Supply Co. 134
Locomotive Front End Paint—
Acme White Lead & Color Works. . 588
Arco Company 486
Cheesman-Elliot Co., Inc. 10
Detroit Graphite Co. 538
Dixon Crucible Co., Jos. 26
Du Pont de Nemours & Co., E. I. 354
Glidden Co., The 352
Kay & Ess Co. 548
Long, Jr., Co., Chas. R. 790
Ruberoid Co. 152
Superior Flake Graphite Co. 116
Texas Co. 614
Locomotive Headlights—
Adams & Westlake Co. 330
Buda Company 418
Dayton Mfg. Co. 602
Electric Service Supplies Co. 76
General Electric Co. ..... Cover
Pyle-National Company, The 542
Sherburne & Co. 362
Star Headlight & Lantern Co. 798
Sunbeam Electric Mfg. Co. 104
Locomotive Hoists—
Whiting Corporation 554
Locomotive Inside Cab Colors—
Acme White Lead & Color Works. . 588
Arco Company 486
Du Pont de Nemours & Co., E. I. 354
Kay & Ess Co. 548
Sherwin-Williams Co. 786
Locomotive Lagging—
Asbestos Shingle, Slate & Sheathing Co. 544
Johns-Manville, Inc. 316
Locomotive Lubricators—
See Lubricators (Locomotives).
Locomotive Oil Burners—
American Locomotive Co. 464
Locomotive Packing—
Allan & Son, A. 440
Anchor Packing Co. 490
Badeker Mfg. Co. 126
Brewster, Inc., Morris B. 106
Garlock Packing Co. 370
Johns-Manville, Inc. 316
New York Belting & Packing Co. .. 310
Quaker City Rubber Co. 404
Union Asbestos & Rubber Co. 602
U. S. Metallic Packing Co. 312
Universal Packing Corp. 702
Woven Steel Hose & Rubber Co. 356
Young Mfg. Co., Chas. C. 516
Locomotive Plows—
Western Wheeled Scraper Co. 298
Locomotive Pop Safety Valves—
See Pop Safety Valves.
Locomotive Reamers— *See Reamers.*
Locomotive Reducing Valves—
Consolidated Car Heating Co. 762
Mason Regulator Co. 766
Locomotive Repairs—
American Locomotive Co. 464
Baldwin Locomotive Works 558
Ferguson-Allan Co. 472
Lima Locomotive Works, Inc. 570
Newport News Shipbuilding & Dry Dock Co. 710
Southern Iron & Equipment Co. 792
Locomotive Replacers—
See Car and Locomotive Replacers.
Locomotive Reverse Gears—
Transportation Devices Corp. 326
Locomotive Sanders—
Graham-White Sander Corp. 352
Hanlon Locomotive Sander Co. 766
U. S. Metallic Packing Co., The 312
Viloco Ry. Equipment Co. 790
Locomotive Service Tanks (Steel)—
American Locomotive Co. 464
Chicago Bridge & Iron Works 372
Locomotive Smoke Stack Black—
See Paints (Car, Caboose, Locomotive Truck, Smoke Stack, Switch Targets and Semaphore).
Locomotive Speed Indicator (Elec.)—
Union Switch & Signal Co. 590
Locomotive Spark Plate—
Hendrick Mfg. Co. 332
Locomotive Speed Recorders—
Distance-Speed Recording Co. 146
Locomotive Springs—
See Car, Coach & Engine Springs.
Locomotive Stay Bolt Iron—
See Stay Bolt Iron.
Locomotive Steam Specialties—
Allan & Son, A. 440
American Arch Co. 304
American Locomotive Co. 464
Ashton Valve Co. 782
Bradford Corp. 680
Consolidated Car Heating Co. 762
Crosby Steam Gage & Valve Co. 608
Franklin Ry. Supply Co. 76
Hammett, H. G. 494
Jenkins Bros. 700
Ferguson Gage & Valve Co. 538
Manning, Maxwell & Moore, Inc. 476
Okadee Co. 790
Pilliod Co. 424
Q & C Co. ..... Cover & 402
Rogers Co., H. A. 700
Sargent Co. 768
Star Brass Mfg. Co. 780
Universal Packing Corp. 702
Walworth Co. ..... Cover & 388
Young Mfg Co., Chas. C. 516

RAILROAD MACHINE TOOLS AND
PLATE SHOP EQUIPMENT

BETTS MACHINE WORKS
ROCHESTER, N. Y.
HILLES AND JONES WORKS
WILMINGTON, DEL.
NEWTON MACHINE TOOL WORKS
ROCHESTER, N. Y.
MODERN TOOL WORKS
ERIE, PA.
COLBURN MACHINE TOOL WORKS
ROCHESTER, N. Y.

CONSOLIDATED
MACHINE TOOL CORPORATION OF AMERICA
General Office: Rochester, N. Y.

K-G TORCHES
FOR
OXY-ACETYLENE AND
ANY OTHER GASES USED FOR
CUTTING OR WELDING

K-G WELDING & CUTTING CO., Inc.
556 West 34th Street, New York City
SALES AND SERVICE AT
Philadelphia Baltimore Pittsburgh Chicago
Albany Detroit West Alexandria, O.
Montreal Toronto Mamaroneck, N.Y.

Locomotive Stokers—
Hanna Stoker Co..... 582
Locomotive Stoker Co..... 276
Standard Stoker Co., Inc..... 592
Locomotive Superheaters—
Superheater Co..... Foot notes & 90
Locomotive Tank Valves—
American Locomotive Co..... 461
Western Railway Equipment Co... 396
Locomotive Tenders—
Ferguson-Allan Co..... 472
Locomotive Tires—*See Tires (Steel).*
Locomotive Turntable Devices (Pneumatic)—
Detroit Hoist & Machine Co..... 290
Locomotive Valve Gear—
See Valve Gears, Locomotive.
Low Tension Insulators—
Lundy Co., E. A..... 482
Lubricants, Graphite—
Dixon Crucible Co., Jos..... 26
Superior Flake Graphite Co..... 116
Lubricating Graphite—
Pettinos, Geo. F..... 578
Superior Flake Graphite Co..... 116
Lubricating Oil Filtering & Circulating Systems, Oil Storage Systems, Oil Storage Tanks and Pumps.
Bowser & Co., S. F..... 454
Lubricating Oils—
Galena-Signal Oil Company..... 470
Texas Co..... 614
Lubrication (Oils & Greases)—
Bassick Mfg. Co..... 772
Dearborn Chemical Co..... 178
Galena-Signal Oil Co..... 470
Texas Co..... 614
Lubrication (Signal)—
Bassick Mfg. Co..... 772
Lubricators (Driving Box)—
Franklin Ry. Supply Co..... 76
Lubricators (Locomotive)—
Bassick Mfg. Co..... 772
Detroit Lubricator Co..... 774
Edna Brass Mfg. Co..... 172
Madison-Kipp Corp..... 682
Nathan Mfg. Co..... 514
Ohio Injector Co., The..... 780
Star Brass Mfg. Co..... 780
Lumber—
Exchange Sawmills Sales Co..... 366
Prendergast Co..... 798
Lumber (Insulating)—
Celotex Co..... 602
Lumber Crayons—
Dixon Crucible Co., Joseph..... 26
Machine Guards—
Page Steel & Wire Co..... 266
Machine Knives—
Atkins & Co., E. C..... 492
Machine Parts—
Van Dorn Iron Works Co..... 338
Machine Tools—
Acme Machinery Co..... 320
Cleveland Punch & Shear Works Co. 594
Consolidated Mach. Tool Corp..... 124
(*Continued on following column*).

Machine Tools—*Continued.*
Davis Boring Tool Co., Inc..... 534
Goddard & Goddard Co..... 442
Kinsey Co., Inc., The E. A..... 756
Landis Machine Co., Inc..... 536
Liberty Machine Works..... 296
Manning, Maxwell & Moore, Inc.... 476
McCabe Mfg. Co..... 262
National Machinery Co., The..... 546
Niles-Bement-Pond Co..... 560
Pedrick Tool & Machine Co..... 630
Pratt & Whitney Co..... 452
Ryerson & Son, Jos. T..... 616
Sellers & Co., Inc., Wm..... 508
Southwark Foundry & Mach. Co... 272
Underwood Corp., H. B..... 302
Vandyck Churchill Co..... 154
Wickes Bros..... 666
Wood & Co., R. D..... 120
Machinery Castings—
Commercial Steel Casting Co..... 462
Machinery for Coal Handling, Hoisting, Ore Handling and Power Transmission—
See Coal Handling Machinery.
Machinery for Sheet Metals—
Consolidated Mach. Tool Corp..... 124
Peck, Stow & Wilcox Co..... 764
Southwark Foundry & Machine Co. 272
Machinery (Metal Working)—
Consolidated Mach. Tool Corp..... 124
Peck, Stow & Wilcox Co..... 764
Ryerson & Son, Jos. T..... 616
Wickes Bros..... 666
Machinery Paints and Finishes—
Acme White Lead & Color Works.. 588
Cheesman-Elliot Co., Inc..... 10
Detroit Graphite Co..... 538
Glidden Co., The..... 352
Kay & Ess Co., The..... 548
Sherwin-Williams Co..... 786
Machinery (Pumping & Well Drilling)—
American Well Works, The..... 412
Cook, Inc., A. D..... 86
Machinery (Second-Hand)—
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Pratt & Whitney Co..... 452
Vandyck Churchill Co..... 154
Machinery Supplies—
Kinsey Co., Inc., The E. A..... 756
Machinery Wiping Towels—
Oil & Waste Saving Machine Co.... 406
Machinery (Wood Working)—
See Wood Working Machinery.
Machinists' Tools—
Pratt & Whitney Co..... 452
Magnesia, Carbonate of—
Asbestos Shingle, Slate & Sheathing Co..... 544
Johns-Manville, Inc..... 316
Magnesia Cement—
Asbestos Shingle, Slate & Sheathing Co..... 544
Johns-Manville, Inc..... 316

BADEKER PRODUCTS
For Railroads

BADEKER QUICK RENEW HUB LINER
For Economical Maintenance of Lateral on Locomotives

BADEKER METALLIC LOCOMOTIVE PACKING
Exceptional Packing Service at Lowest Cost

BADEKER LOCOMOTIVE BELL RINGER
Simple in Operation and Adjustment, Economical on Air

BADEKER AIR PUMP GLAND AND LUBRICUP
Eliminates the Use of Swabs and Saves the Packing

BADEKER MANUFACTURING CO.
4612 Park Avenue Chicago, Ill.

WRITE for complete information regarding specially designed Piston Rings for original railroad equipment and replacement.

The Piston Ring Company
Muskegon, Michigan

Magnesia Locomotive Lagging, Pipe and Boiler Covering—
Asbestos Shingle, Slate & Sheathing Co 544
Johns-Manville, Inc..... 316

Magnet Wire—
American Insulated Wire & Cable Co 638
Roebling's Sons Co., John A..... 642

Magnetic Switches—
Consolidated Car Heating Co..... 762
Electric Controller & Mfg. Co..... 754
General Electric Co.....Cover
Graybar Electric Co., Inc..... 268

Magneto Extension Telephone Bells—
Graybar Electric Co., Inc..... 268

Magnets (Lifting)—*See Lifting Magnets*

Malleable Iron Castings—
Chicago Malleable Castings Co..... 128
Decatur Malleable Iron Co..... 752
Gould Coupler Co..... 532
Marion Malleable Iron Works..... 760
Natl. Malleable & Steel Castings Co 426
P. & M. Co., The..... 144
Pratt & Letchworth Co..... 762
Symington Co., The..... 474
Universal Draft Gear Attach. Co.. 88
Western Railway Equipment Co... 396
Woodman Ry. Supply Co..... 134

Malleable Iron Washers—
Marion Malleable Iron Works..... 760
Natl. Malleable & Steel Castings Co. 426

Mandrels—
Brubaker & Bros. Co., W. L..... 580

Manganese Bronze Sheets—
Henderick Mfg. Co..... 332

Manganese Steel Castings—
American Manganese Steel Co..... 270

Manganese Steel Crossings—
American Manganese Steel Co..... 270
Balkwill Manganese Crossing Co... 556
Cleveland Frog & Crossing Co..... 448
Morden Frog & Crossing Works.... 406
Ramapo Ajax Corp..... 328
Wharton, Jr. & Co., Inc., Wm. 292

Manganese Steel One-Piece Guard Rails
Du-Wel Steel Products Co..... 750
Morden Frog & Crossing Works.... 406
Ramapo Ajax Corporation..... 328

Manifolding—
O'Malley Co., M. J..... 782

Mastic Flooring—
Barber Asphalt Co..... 450
Barrett Co..... 360

Mats & Matting—
Heywood-Wakefield Co..... 504
New York Belting & Packing Co... 310
Quaker City Rubber Co..... 404
Woven Steel Hose & Rubber Co.... 356

M. C. B. Gauges—
Pratt & Whitney Co..... 452

Measuring Tapes—
Lufkin Rule Co..... 770
Wiebusch & Hilger, Ltd..... 770

Mechanical Painting Equipment—
Binks Spray Equipment Co..... 764

Mechanical Rubber Goods—
New York Belting & Packing Co... 310
Quaker City Rubber Co..... 404
Woven Steel Hose & Rubber Co.... 356

Merchant Bars—
Carnegie Steel Co..... 280
Illinois Steel Co..... 378

Metal & Tar Board Clip Boards—
Rockwell-Barnes Co..... 436

Metal Band Saw Machines—
Atkins & Co., E. C..... 492

Metal Bumping Posts—
See Bumping Posts.

Metal Carlines—*See Carlines.*

Metal Car Roofs—*See Car Roofs (Metal).*

Metal Cleaner—
Ford Co., J. B..... 338

Metal Cutting Saws—
Atkins & Co., E. C..... 492
Peerless Machine Co..... 758

Metal Doors (Hollow)—
Morton Mfg. Co..... 302

Metal File Boxes—
Rockwell-Barnes Co..... 436

Metal Furniture and Lockers—
Edwards Co., O. M..... 576
Van Dorn Iron Works Co..... 338

Metal Roof Paints—*See Paints (Roof).*

Metal Roofs (Asbestos Protected)—
Robertson Co., H. H..... 690

Metal Sash—
Lupton's Sons Co., David..... 132

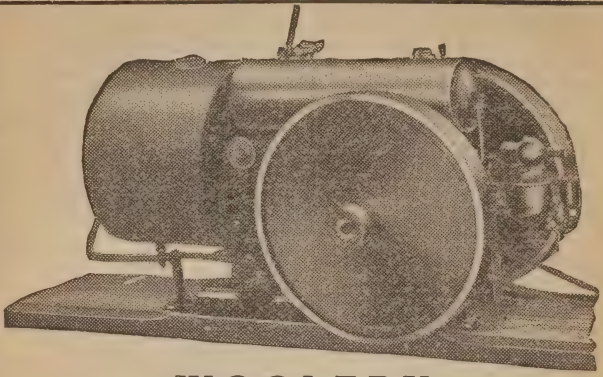
Metal Sawing Machines—
Atkins & Co., Inc., E. C..... 492
Peerless Machine Co..... 758
Vandyck Churchill Co..... 154

Metal Slitting Saws—
Goddard & Goddard Co..... 442

Metal Windows (Hollow)—
Lupton's Sons Co., David..... 132

Metallic Hose (Flexible)—
See Flexible Metallic Hose.

Metallic Packing—
Allan & Son, A..... 440
Anchor Packing Co..... 490
Badeker Mfg. Co..... 126
Brewster, Inc., Morris B..... 106
Garlock Packing Co..... 370
Hammett, H. G..... 494
Johns-Manville, Inc..... 316
Paxton-Mitchell Co., The..... 340
Pilot Packing Co..... 408
U. S. Metallic Packing Co..... 312
Universal Packing Corp..... 702
Viloco Ry. Equipment Co..... 790



WOOLERY
RAILWAY MOTOR CAR ENGINES
NOTED FOR EFFICIENCY
WOOLERY MACHINE CO. - MINNEAPOLIS, MINN.

CHICAGO MALLEABLE CASTINGS COMPANY
West Pullman, Chicago, Illinois

BRAKE BEAMS
JOURNAL BOXES
BUMPING POSTS
RAIL ANCHOR TIE PLATES
MALLEABLE IRON CASTINGS

SALES OFFICES

Railway Exchange Building -	Chicago, Ill.
Frisco Building - - - -	St. Louis, Mo.
Mutual Building - - - -	Richmond, Va.
Munsey Building - - -	Washington, D. C.
The Bourse - - - - -	Philadelphia, Pa.

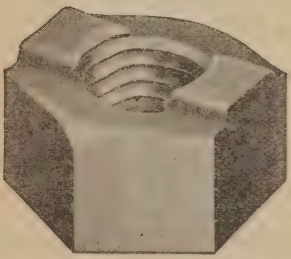
Metallic Paint—*See Paints (Metal).*
Metallic (Steel) Sheathing—
Tuco Products Corporation..... 600
Metallic Weather Strips—
Frost Ry. Supply Co..... 74
Morton Mfg. Co..... 302
Meters (Water & Oil)—*See Water Meters*
Mica Moulded—
Johns-Manville, Inc..... 316
Micrometer Boring Tools—
Davis Boring Tool Co., Inc..... 534
Liberty Machine Works..... 296
Mill Board (Asbestos)—
Johns-Manville, Inc..... 316
Milling Cutters—
Goddard & Goddard Co..... 442
Pratt & Whitney Co..... 452
Milling Machines (Metal)—
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc..... 476
Niles Bement-Pond Co..... 560
Pedrick Tool & Machine Co..... 630
Pratt & Whitney Co..... 452
Ryerson & Son, Jos. T..... 616
Underwood Corp., H. B..... 302
Vandyck Churchill Co..... 154
Milling Machines (Portable)—
Underwood Corp., H. B..... 302
Mills—
Brubaker & Bros. Co., W. L..... 580
Mill White—
Milar, Clinch & Co..... 646
Mine Car Trucks, Wheels & Axles—
Southern Wheel Co..... 650
Mineral Wool—
Johns Manville, Inc..... 316
Mining Machinery—
Chicago Pneumatic Tool Co..... 16
Ingersoll-Rand Co..... 56
Sullivan Machinery Co..... 582
Miscellaneous Machine Parts—
Van Dorn Iron Works Co..... 338
Moisture Proof Lighting Units—
Benjamin Electric Mfg. Co..... 550
Monorail Switches & Turntables—
Richards-Wilcox Mfg. Co..... 100
Yale & Towne Mfg. Co..... 4
Mops—
Lang Broom Co..... 160
Wolfe Brush Co..... 160
Mortisers (Hollow Chisel)—
Greenlee Bros. & Co..... 772
Motor and Generator Brushes—
National Carbon Co..... 274
Motor Car Axles—
Fairmont Railway Motors, Inc..... 674
Northwestern Motor Co..... 336
Timken-Detroit Axle Co..... 348
Motor Car Bearings—
Fairmont Railway Motors, Inc..... 674
Northwestern Motor Co..... 336
Motor Car Engines (Gasoline)—
Fairmont Railway Motors, Inc..... 674
Northwestern Motor Co..... 336
Woolery Machine Co..... 128
Motor Car Trailers—
Fairmont Railway Motors, Inc..... 674
Northwestern Motor Co..... 336
Motor Car Wheels—
Fairmont Railway Motors, Inc..... 674
Northwestern Motor Co..... 336
Parsons Co..... 658
Motor Cars (Electric)—
Northwestern Motor Co..... 336
Motor Cars (Gasoline)—
Buda Co..... 418
Fairbanks, Morse & Co..... 260
Fairmont Railway Motors, Inc..... 674
Kalamazoo Ry. Supply Co..... 444
Mudge & Co..... 516
Northwestern Motor Co..... 336
Woolery Machine Co..... 128
Motor Cars (Heavy Duty)—
Fairmont Railway Motors, Inc..... 674
Northwestern Motor Co..... 336
Motor Coaches (Gasoline)—
Brill Co., J. G..... 286
Motor Generating Sets—
Fairbanks, Morse & Co..... 260
General Electric Co..... Cover
Graybar Electric Co., Inc..... 268
Motor Hoists (Pneumatic)—
Detroit Hoist & Machine Co..... 290
Ingersoll-Rand Co..... 56
Motor Starters
Electric Controller & Mfg. Co..... 754
General Electric Co..... Cover
Graybar Electric Co., Inc..... 268
Motors (Air)—
Chicago Pneumatic Tool Co..... 16
Cleveland Pneumatic Tool Co..... 142
Detroit Hoist & Machine Co..... 290
Independent Pneumatic Tool Co..... 140
Ingersoll-Rand Co..... 56
Motors (Electric)—
Crowe Mfg. Corp..... 666
Fairbanks, Morse & Co..... 260
General Electric Co..... Cover
Graybar Electric Co., Inc..... 268
Westinghouse Electric & Mfg. Co..... 512
Motors (Gasoline)—
Independent Pneumatic Tool Co..... 140
Moulded Packing—
Universal Packing Corp..... 702
Mouldings, Cold Drawn (Steel or Bronze)—
Morton Mfg. Co..... 302
Mouldings (Electrical)—
Asbestos Shingle, Slate & Sheathing Co..... 544
Mowers (Track)—
Rawls Machine & Mfg. Co..... 682
Muffler Valves (Steam)—
Ashton Valve Co..... 782
Crosby Steam Gage & Valve Co..... 608
Manning, Maxwell & Moore..... 476
Star Brass Mfg. Co..... 780

NUT LOCKS

A. R. E. A. SPECIFICATIONS

The American Nut and Bolt Fastener Company

PITTSBURGH, PENNA., U. S. A.



Once applied, Grip Nuts stay until removed with a wrench. Three carefully deflected threads lock them on the bolt without jamming.

An unbiased group of railroad men judged Grip Nuts superior to all. Ask about their tests.

GRIP NUT COMPANY

Chicago, Illinois

Multiple Pipe Clamps—
Franklin Ry. Supply Co..... 76

Multiple Punches—
Cleveland Punch & Shear Works Co. 594
Southwark Foundry & Machine Co. 272

Music Wire—
American Steel & Wire Co..... 264

Nipples—
Natl. Malleable & Steel Castings Co. 426

Nitrogen—
Air Reduction Sales Co..... 22

Nut Lock Washers—
Natl. Malleable & Steel Castings Co. 426

Nut Locks—
American Nut & Bolt Fastener Co.. 130
Bethlehem Steel Co.....368 & 626
Boss Bolt & Nut Works..... 182
Columbia Nut & Bolt Co. (Inc.)..... 316
Flannery Bolt Co..... 566
Franklin Ry. Supply Co..... 76
Grip Nut Co..... 180
Iron City Tool Works..... 480
MacLean-Fogg Lock Nut Co..... 750
National Lock Washer Co., The.... 446
National Railway Appliance Co.... 14
Positive Lock Washer Co..... 778
Reliance Mfg. Co..... 294
Sherburne & Co..... 362
Standard Safety Nut Corp..... 630
Verona Tool Works..... 628
Wood Co., Guilford S..... 510

Nut Machines—
National Machinery Co. The..... 546

Nut Tappers—
Acme Machinery Co..... 320
Ajax Mfg. Co..... 570
Manning, Maxwell & Moore, Inc.... 476
National Machinery Co., The..... 546
Niles-Bement-Pond Co..... 560

Nut Tapping Machines—
Landis Machine Co., Inc..... 536

Nut Taps—
Besly & Co., Chas. H..... 78

Nuts—
Bethlehem Steel Co.....368 & 626
Hubbard & Co..... 656
Illinois Car & Mfg. Co..... 96
Inland Steel Co..... 694
Lorain Steel Co..... 488
Republic Iron & Steel Co..... 440
Richmond Car Works..... 96
Russell, Burdsall & Ward Bolt & Nut Co..... 636
Ryerson & Son, Jos. T..... 616
Standard Safety Nut Corp..... 630
Steel Car Co..... 96
Steel Car Forge Co..... 606

Office and Station Furniture—
Hale-Kilburn Co..... 506

Oil (Painters')—*See Painters' Oil.*

Oil & Waste Reclamation Plants—
Transportation Devices Corp..... 326

Oil Board—
O'Malley Co., The M. J..... 782

Oil Boxes—
See Journal Boxes and Box Lids.

Oil Burners—*See Fuel Oil Burners.*

Oil Cans and Oilers—
Gray & Sons, Inc., Peter..... 786

Oil Cups—
Hammett, H. G..... 494
Huron Manufacturing Co..... 384
Prime Manufacturing Co..... 346
U. S. Metallic Packing Co..... 312

Oil Engines—
Bethlehem Steel Co.....368 & 626
Chicago Pneumatic Tool Co..... 16
Fairbanks, Morse & Co..... 260
Worthington Pump & Machy. Corp. 562

Oil Filtering & Circulating Systems—
See Lubricating Oil Filtering & Circulating Systems, etc.

Oil Furnaces—
Best Corporation, W. N..... 776
De Remer-Blatchford Co..... 318
Mahr Mfg. Co..... 766

Oil House Equipment—
Bowser & Co. Inc., S. F..... 454
Scaife & Sons Co., Wm. B..... 668

Oil Pumps (Measuring & Non-Measuring, Power & Hand)—
Bowser & Co., Inc., S. F..... 454

Oil Separators—
Dunham Co., C. A..... 410
Oil & Waste Saving Machine Co.... 406

Oil Storage & Distributing Sytems—
Bowser & Co., Inc., S. F..... 454

Oil Tanks (Rectangular & Cylindrical)—
Bowser & Co., Inc., S. F..... 454
Scaife & Sons Co., Wm. B..... 668

Oil Tanks and Pumps—
See Oil House Equipment.

RAILS LOCOMOTIVES CARS

Any quantity, any size of new and relaying rails available any time from the nearest of our four great yards. **Inspected, guaranteed.** Quick delivery at lowest freight cost.

Locomotives of every type in I. C. C. condition, Road, Switch, Geared, Standard and Narrow Gauge. Write for specifications.

Passenger, Dump, Ore, Box, Flat, Refrigerator, Gondolas, Cabooses. All in serviceable condition. Will pass interchange. Ready to ship. Send for specifications.

HYMAN - MICHAELS CO.

122 So. MICHIGAN AVENUE CHICAGO. NEW YORK - ST. LOUIS - PITTSBURGH - SAN FRANCISCO.

Lupton

INVESTMENT VALUE

Steel Sash

for Industrial Buildings

Our experience in designing for light and ventilation is freely at the service of our customers' architects and engineers.

Ask for Our Catalogue.

DAVID LUPTON SONS COMPANY

Allegheny Avenue and Tulip Street - Philadelphia, Pa.

Makers of Modern Equipment for Daylight and Natural Ventilation.

Oil Tissue Paper—
O'Malley Co., The M. J. 782

Oils for Station Platforms & Cross-overs—
Headley Good Roads Co. 596

Oils (Cutting)—
Texas Co. 614

Oils (Cylinder Lubricating, Valve and Signal)—
Galena Signal Oil Co. 470
Texas Co. 614

One-Rail Cars—
American Trackbarrow 392

Ornamental Iron & Wire Work—
Stewart Iron Works Co. 598
Van Dorn Iron Works Co. 388

Outdoor Lighting Fixtures—
Benjamin Electric Mfg. Co. 550

Overhead Trolley Materials—
Ohio Brass Co. 146
Richards-Wilcox Mfg. Co. 100

Oxy-Acetylene Cutting and Welding Apparatus, Outfits & Supplies.
Air Reduction Sales Co. 22
De Remer-Blatchford Co. 318
K-G Welding & Cutting Co. 124
Milburn Co., The Alexander 494
Oxweld Railroad Service Co. 484
Torchweld Equipment Co. 468

Oxygen & Hydrogen Gas—

Oxygen & Hydrogen Generating Apparatus—
K-G Welding & Cutting Co. 124

Oxygen, Carbo-Hydrogen & Carbo Apparatus for Cutting & Welding—
Carbo-Oxygen Co. 18

Oxy-Hydrogen Welding & Cutting Outfits & Supplies—
K-G Welding & Cutting Co. 124

Packing—
Allan & Son, A. 440
Anchor Packing Co. 490
Badeker Mfg. Co. 126
Brewster, Inc., Morris B. 106
Garlock Packing Co. 370
Hagy Waste Works, J. Milton 766
Hammett, H. G. 494
Jenkins Bros 700
Johns-Manville, Inc. 316
New York Belting & Packing Co. 310
Paxton-Mitchell Co., The 340
Pilot Packing Co., Inc. 408
Quaker City Rubber Co. 404
Union Asbestos & Rubber Co. 692
U. S. Metallic Packing Co. 312
Universal Packing Corp. 702
Viloco Ry. Equipment Co. 790
Wood Co., Guilford S. 510
Young Mfg. Co., Chas. C. 516

Packing Rings—
American Locomotive Co. 464
Anchor Packing Co. 490
Badeker Mfg. Co. 126
Garlock Packing Co. 370
Johns-Manville, Inc. 316
New York Belting & Packing Co. 310
Paxton-Mitchell Co., The 340
Pilot Packing Co. 408
Piston Ring Co. 126
Texas Co. 614

Packless Radiator Valves—
Dunham Co., C. A. 410

Padlocks (all kinds)—
Adams & Westlake Co. 330
Eagle Lock Co. 544
Edwards Co., O. M. 576
Fraim-Slaymaker H'dware Co., Inc. 778
Yale & Towne Mfg. Co. 4

Paint and Varnish Removers—
Acme White Lead & Color Works 588
Arco Company 486
Ball Chemical Co. 490
Berry Bros. 374
Chalmers Chemical Co. 784
Devoe & Raynolds Co., Inc. 434
Du Pont de Nemours & Co., E. I. 354
Glidden Co., The 352
Long, Jr., Co., Chas. R. 790
Lowe Brothers Co. 136
Patterson-Sargent Co., The 472
Pittsburgh Plate Glass Co. 792
Q & C Company ..... Cover & 402
St. Louis Surfacer & Paint Co. 796
Sherwin-Williams Co. 786
Wilson-Imperial Co. ..... 756 & 772

Paint Burner—
Cameron-Spouse Mfg. Co. 786

Paint Brushes—
See Brush Manufacturers.

Paint Oil, Storage—
Bowser & Co., Inc., S. F. 454

Painters' Oil—
Acme White Lead & Color Works 588
Arco Company 486
Ball Chemical Co. 490
Berry Bros. 374
Du Pont de Nemours & Co., E. I. 354
Glidden Co., The 352
Kay & Ess Co. 548
Pruett-Schaffer Chemical Co. 802
St. Louis Surfacer & Paint Co. 796
Sherwin-Williams Co. 786
Sipe & Co., Jas. B. 796
Suydam Co., M. B. 760

Painting Equipment (Mechanical)—
Binks Spray Equipment Co. 764

Steel Plates
SHEARED and UNIVERSAL
FOR EVERY RAILROAD
REQUIREMENT
PROMPT
SERVICE
ONE OF OUR
SPECIALTIES
CENTRAL
IRON & STEEL
COMPANY
HARRISBURG,
PA.

WOODMAN
RAILWAY SUPPLY CO.
Certified malleable
and cast steel
JOURNAL BOXES
STEEL CAR CASTINGS
Railway Exchange - Chicago, Ill.

Paints (Acid Proof)—
Barber Asphalt Co..... 450

Paints (Aluminum)—
Arco Company..... 486
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Kay & Ess Co..... 548
Sherwin Williams Co., The..... 786
Suydam Co., M. B..... 760

Paints (Bridge, Building and Depot)—
Acme White Lead & Color Works.. 588
Arco Company..... 486
Cheesman-Elliot Co., Inc..... 10
Clement "Coverall" Co..... 776
Cork Import Corp..... 698
Detroit Graphite Co..... 538
Devoe & Raynolds Co., Inc..... 434
Dixon Crucible Co., Joseph..... 26
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Kay & Ess Co..... 548
Long, Jr., Co., Chas. R..... 790
Lowe Brothers Co..... 136
Milar, Clinch & Co..... 646
Minwax Co., Inc..... 106
National Lead Co..... 306
Patterson-Sargent Co..... 472
Pittsburgh Plate Glass Co..... 792
Protectus Paint Co., The..... 696
Pruett-Schaffer Chemical Co..... 802
Ruberoid Co..... 152
St. Louis Surfacer & Paint Co..... 796
Sherwin-Williams Co..... 786
Sipe & Co., James B..... 796
Suydam Co., M. B..... 760

Paints (Car, Caboose, Locomotive, Truck, Smoke Stack, Switch Targets & Semaphores).
Acme White Lead & Color Works.. 588
Arco Company..... 486
Cheesman-Elliot Co., Inc..... 10
Clement "Coverall" Co..... 776
Detroit Graphite Co..... 538
Devoe & Raynolds Co., Inc..... 434
Dixon Crucible Co., Joseph..... 26
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Johns-Manville, Inc..... 316
Kay & Ess Co..... 548
Lehon Co., The..... 150
Long, Jr., Co., Chas. R..... 790
Lowe Brothers Co..... 136
Milar, Clinch & Co..... 646
National Lead Co..... 306
Patterson-Sargent Co..... 472
Pittsburgh Plate Glass Co..... 792
Ruberoid Co..... 152
St. Louis Surfacer & Paint Co..... 796
Sherwin-Williams Co., The..... 786
Sipe & Co., James B..... 796
Suydam Co., M. B..... 760

Paints (Coach Roof)—
Arco Company..... 486
Cheesman-Elliot Co., Inc..... 10
Glidden Co., The..... 352
Kay & Ess Co..... 548
Lowe Brothers Co..... 136
Milar, Clinch & Co..... 646
Sherwin-Williams Co..... 786
Suydam Co., M. B..... 760

Paints (Diffuselite)—
Wilson Corp., J. G..... 88

Paints (Fire and Waterproof)—
Arco Company..... 486
Barber Asphalt Co..... 450
Cabot, Inc., Samuel..... 112
Cheesman-Elliot Co., Inc..... 10
Clement "Coverall" Co..... 776
Detroit Graphite Co..... 538
Devoe & Raynolds Co., Inc..... 434
Dixon Crucible Co., Joseph..... 26
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Johns-Manville, Inc..... 316
Kay & Ess Co..... 548
Lehon Co..... 150
Long, Jr., Co., Chas. R..... 790
Lowe Brothers Co..... 136
Minwax Co., Inc..... 106
Patterson-Sargent Co..... 472
Pittsburgh Plate Glass Co..... 792
Protectus Paint Co., The..... 696
Ruberoid Co..... 152
Sherwin-Williams Co., The..... 786
Suydam Co., M. B..... 760
Wood Co., Guilford S..... 510

Paints (Graphite)—
Acme White Lead & Color Works.. 588
Arco Company..... 486
Cheesman-Elliot Co., Inc..... 10
Detroit Graphite Co..... 538
Devoe & Raynolds Co., Inc..... 434
Dixon Crucible Co., Joseph..... 26
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Kay & Ess Co..... 548
Long, Jr., Co., Chas. R..... 790
Lowe Brothers Co..... 136
Patterson-Sargent Co., The..... 472
Pittsburgh Plate Glass Co..... 792
Protectus Paint Co., The..... 696
Ruberoid Co..... 152
St. Louis Surfacer & Paint Co..... 796
Sherwin-Williams Co..... 786
Superior Flake Graphite Co..... 116
Suydam Co., M. B..... 760

THE LOWE BROTHERS COMPANY

RED LEAD LUTE (REG. U. S. PAT. OFF.) LAMP BLACK LUTE

"Prime Necessities"

for first coat and contact points

Plants and Executive Offices
DAYTON, OHIO

LEATHER

IS THE IDEAL UPHOLSTERING MATERIAL
FOR ALL SEATS IN RAILWAY CARS,
TROLLEYS OR BUSSES.

Nothing takes the STENGEL & ROTHSCHILD TRADE MARK NEWARK, N.J. *place of Leather*

Our Leather has been Standard for the past forty years. Write for samples and price.

STENGEL & ROTHSCHILD, INC.

NEWARK, N. J.

Paints (Metal)—
Acme White Lead & Color Works.. 588
Arco Company..... 486
Cabot, Inc., Samuel..... 112
Cheesman-Elliot Co., Inc..... 10
Chipman Chemical Engineering Co. 284
Clement "Coverall" Co..... 776
Detroit Graphite Co..... 538
Devoe & Raynolds Co., Inc..... 434
Dixon Crucible Co., Joseph..... 26
Du Pont de Nemours & Co., E. I.... 35
Glidden Co., The..... 352
Kay & Ess Co..... 548
Lehon Co..... 150
Long, Jr., Co., Chas. R..... 790
Lowe Brothers Co..... 136
Patterson Sargent Co..... 472
Pittsburgh Plate Glass Co..... 792
Protectus Paint Co., The..... 696
Ruberoid Co..... 152
St. Louis Surfacer & Paint Co..... 796
Sherwin-Williams Co..... 786
Sipe & Co., James B..... 796
Suydam Co., M. B..... 760

Paints (Roof)—
Acme White Lead & Color Works.. 588
Arco Company..... 486
Barber Asphalt Co..... 450
Barrett Co..... 360
Cabot, Inc., Samuel..... 112
Cheesman-Elliot Co., Inc..... 10
Detroit Graphite Co..... 538
Devoe & Raynolds Co., Inc..... 434
Dixon Crucible Co., Joseph..... 26
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Johns-Manville, Inc..... 316
Kay & Ess Co..... 548
Lehon Co..... 150
Long, Jr., Co., Chas. R..... 790
Lowe Brothers Co..... 136
Milar, Clinch & Co..... 646
Minwax Co., Inc..... 106
Patterson-Sargent Co. The..... 472
Pittsburgh Plate Glass Co..... 792
Protectus Paint Co., The..... 696
Pruett-Schaffer Chemical Co..... 802
Ruberoid Co..... 152
St. Louis Surfacer & Paint Co..... 796
Sherwin-Williams Co..... 786
Sipe & Co., James B..... 796
Suydam Co., M. B..... 760

Paints (Rustproofing)—
Barrett Co..... 360

Paints (Wood Preserving)—
Arco Company..... 486
Barrett Co..... 360
Cheesman-Elliot Co., Inc..... 10
Detroit Graphite Co..... 538
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Johns-Manville, Inc..... 316
Lehon Co..... 150
Lowe Brothers Co..... 136
Patterson Sargent Co..... 472
Sherwin Williams Co..... 786
Suydam Co., H. B..... 760

Panel Board Cabinets—
Asbestos Shingle, Slate & Sheathing Co..... 544
Electric Service Supply Co..... 76

Panel Boards—
Asbestos Shingle, Slate & Sheathing Co..... 544
Benjamin Electric Mfg. Co..... 550
Westinghouse Electric & Mfg. Co... 512

Paper and Paper Specialties—
Rockwell-Barnes Co..... 436

Paper Insulated Cables—
Okonite-Callender Cable Co..... 1

Partition Material—
Celotex Co..... 602

Partitions (Folding-Rolling)—
Richards-Wilcox Mfg. Co..... 100
Wilson Corp., J. G..... 88

Partitions (Steel Rolling)—
Cornell Iron Works..... 774
Kinnear Mfg. Co..... 774

Partitions (Wire)—
Page Steel & Wire Co..... 266

Passenger and Baggage Cars—
American Car & Foundry Co..... 620
Bradley Car Co., Osgood..... 414
Brill Co., J. G..... 236
Hyman Michaels Co..... 132
Mt. Vernon Car Mfg. Co..... 798
Pressed Steel Car Co..... 660
Pullman Car & Mfg. Corp..... 684
Standard Steel Car Co..... 606

Passenger Car Flooring (Steel)—
Amer. Mason Safety Tread Co..... 704
Morton Mfg. Co..... 302

Passenger Car Insulation—
See Car Insulation.

PassengerCarTrimming(SteelFinish)—
Hale-Kilburn Co..... 506
Morton Mfg. Co..... 302

Pattern Shop Machinery—
Besly & Co., Chas. H..... 78
Greenlee Bros. & Co..... 772

Pedestals (Iron Horse)—
Railway Devices Co..... 528

Pencils—
Dixon Crucible Co., Joseph..... 26
Koh-I-noor Pencil Co..... 692

Perforated Metals—
Hendrick Mfg. Co..... 332

Phosphor Bronze—
Ajax Metal Co..... 60
Damascus Bronze Co..... 348
Gilbert & Sons Brass Fdy. Co., A.... 788
Keystone Bronze Co..... 10
Magnus Company, Incorporated... 326
More-Jones Brass & Metal Co..... 792

Phosphor Copper—
Damascus Bronze Co..... 348

ROBERT H. BLACKALL

Ratchet Hand Brake Levers of various types for Freight and Passenger Cars.

RAILWAY GLASSWARE (Kopp Glass)

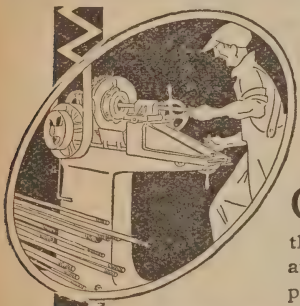
Mgr. Ry. Supplies Dept.

Pittsburgh Lamp, Brass and Glass Co.

Lantern Globes, Lenses, Roundels, Chimneys, Lubricator Bull's-Eyes, Klinger Glasses, Gauge Glasses, Etc.

Switch Targets, Reflectors and Enameled Specialties

FARMERS BANK BUILDING, PITTSBURGH, PA.



Thread Pipe Rods and Bolts On One Machine

OSTER combination pipe machines do every pipe threading job between ¼ and 8 inches without complicated adjustment.

Get complete information on the Oster line before specifying new equipment.

The Oster Mfg. Company
2055 E. 61st Place
Cleveland, Ohio

OSTER

Picks—
Hubbard & Co. 656
Iron City Tool Works 480
Verona Tool Works 628
Woodings Forge & Tool Co. 708

Pig Iron—
Carnegie Steel Co. 280
Illinois Steel Co. 378

Pig Metal—
Republic Iron & Steel Co. 440
Wheeling Steel Corp. 618

Pigeon Hole Cases—
Van Dorn Iron Works Co. 338

Pile Drivers—
Industrial Works 564
McMyler Interstate Co. 578
Orton Crane & Shovel Co. 120

Pile Driving Engines—
American Hoist & Derrick Co. 466

Piles (Concrete)—
Massey Concrete Products Corp. 800

Piling—
Bethlehem Steel Co. .... 368 & 626
Exchange Sawmills Sales Co. 366
Prendergast Co. 798

Pillar Cranes—
Industrial Works 564
McMyler Interstate Co. 578
Whiting Corporation 554

Pinch Bars—
Hubbard & Co. 656
Iron City Tool Works 480
Verona Tool Works 628
Woodings Forge & Tool Co. 708

Pipe & Nipple Threading Die Heads—
Landis Machine Co., Inc. 536

Pipe & Nipple Threading Machines—
Consolidated Mach. Tool Corp. 124
Landis Machine Co., Inc. 536
Oster Mfg. Co. 138

Pipe (Cast Iron)—
American Car & Foundry Co. 620

Pipe (Concrete)—
Massey Concrete Products Corp. 800

Pipe (Steel)
National Tube Co. 20

Pipe (Wrought Iron)—
Reading Iron Co. 530

Pipe Benders—
Pedrick Tool & Machine Co. 630
Underwood Corp., H. B. 302

Pipe Clamps—
Railway Devices Co. 528
Western Railway Equipment Co. 396

Pipe Clamps (Multiple)—
Franklin Ry. Supply Co. 76

Pipe Coating—
Barber Asphalt Co. 450

Pipe Couplings—
Barber Asphalt Co. 450
Jefferson Union Co. 664
Walworth Co. .... Cover & 388

Pipe Covering—
Asbestos Shingle, Slate & Sheathing Co. 544
Johns-Manville, Inc. 316

Pipe Cutters—
Walworth Co. .... Cover & 388

Pipe Cutting Machines—
Landis Machine Co., Inc. 536
Oster Mfg. Co. 138

Pipe Fittings—
Jefferson Union Co. 664
Reading Steel Casting Co. 586
Walworth Co. .... Cover & 388

Pipe Flanges—
Reading Steel Casting Co. 586
Standard Steel Works Co. 380
Walworth Co. .... Cover & 388

Pipe Flange Unions—
Jefferson Union Co. 664
Walworth Co. .... Cover & 388

Pipe Joint Compound—
Barber Asphalt Co. 450
Detroit Graphite Co. 538
Dixon Crucible Co., Joseph 26
Minwax Co., Inc. 106
Pettinos, Geo. F. 578
Ruberoid Co. 152
Sherwin-Williams Co. 786

Pipe Joint Paint—
Arco Co. 486

Pipe Manufacturers—
American Car & Foundry Co. 620
National Tube Co. 20
Reading Iron Co. 530

Pipe Stocks and Dies—
Walworth Co. .... Cover & 388

Pipe Taps & Pipe Dies—
Landis Machine Co. 536

Pipe Threading Machines—
Consolidated Mach. Tool Corp. 124
Landis Machine Co., Inc. 536
Manning, Maxwell & Moore, Inc. 476
Niles-Bement-Pond Co. 560
Oster Mfg. Co. 138

Pipe Threading Tools—
Oster Mfg. Co. 138

Pipe Vises—
Henderer's Sons, A. L. 768
Walworth Co. .... Cover & 388

Pipe Wrenches—
Armstrong Bros. Tool Co. 478
Blackall, Robert H. 138
Walworth Co. .... Cover & 388

Piping Materials—
Walworth Co. .... Cover & 388

Thor

NEW Riveting Hammer

You will like the handle drop forged to shape to avoid bending cracks. **Plenty of stock at bend and at nipple lug.**

Throttle valve of **self seating, yet balanced type.** Spiral openings give **perfect graduation** for starting and control.

The Thor Hammer is correctly shaped, perfectly balanced, powerful, and has no back kick. Low in air consumption. **Faster than any hammer on the market.**

INDEPENDENT PNEUMATIC TOOL COMPANY

BIRMINGHAM, ALA. 4-56 HERALD BLDG. BOSTON, MASS. LITTLE BLDG.
GENERAL OFFICES 600 W. JACKSON BLVD. CHICAGO, U.S.A. FACTORY AURORA, ILL. AGENTS THE WORLD OVER
MONTREAL, QUE. 10 ST. ANTOINE ST. PITTSBURGH, PA. DESSEGER BLDG.
PHILADELPHIA, PA. DENCKLA BLDG. CLEVELAND, OHIO UNION TRUST BLDG.
TORONTO, ONT. 82 FRONT ST. WEST
ST. LOUIS, MO. 611 OLIVE ST.
DETROIT, MICH. BARRIELLE BLDG.
EASTERN OFFICE 1483 BROADWAY AT 42ND ST. NEW YORK, N.Y.
SAN FRANCISCO, CAL. 61 FREMONT ST.
LONDON OFFICE: 40 BROADWAY, WESTMINSTER, LONDON S.W.I. ENGLAND

Thor

PNEUMATIC TOOLS

ELECTRIC DRILLS

Piston Rings—
Piston Ring Co..... 126

Piston Rod Keys (Drop Forged)—
Van Dorn Iron Works Co..... 338

Piston Rods—
American Locomotive Co..... 464
Johnson & Co., J. R 794

Pitch (Coal Tar)—
Barrett Co..... 360

Plan & Map Drawers—
Van Dorn Iron Works Co..... 338

Planer Chucks—
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560

Planers (Frog and Switch)—
(*See Frog and Switch Planers*).

Planers (Metal)—
Cleveland Punch & Shear Works Co. 594
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore..... 476
Niles-Bement-Pond Co..... 560
Ryerson & Son, Jos. T..... 616
Sellers & Co., Inc., Wm..... 508
Underwood Corp., H. B 302
Vandyck Churchill Co..... 154

Plaster Board—
Celotex Co..... 602

Plate Bending Rolls—
Betulehem Steel Co.....368 & 626
Consolidated Mach. Tool Corp..... 124
Southwark Foundry & Machine Co. 272
Wickes Bros..... 666
Wood & Co., R. D..... 120

Plate Planers—
Bethlehem Steel Co.....368 & 626
Consolidated Mach. Tool Corp..... 124
Southwark Foundry & Machine Co. 272
Wood & Co., R. D..... 120

Plates (Double Shoulder Solid Bottom Switch Riser)—
Morden Frog & Crossing Works.... 406
Ramapo Ajax Corporation..... 328

Plates (Steel)—
Bethlehem Steel Co.....368 & 626
Carnegie Steel Co..... 280
Central Iron & Steel Co..... 134
Illinois Steel Co..... 378
Lukens Steel Co..... 172
Republic Iron & Steel Co..... 440
Ryerson & Son, Jos. T..... 616
Wood Iron & Steel Co., Alan..... 672

Platform Trap Doors—
Edwards Co., O. M..... 576
Tuco Products Corporation..... 600

Platforms—
American Abrasive Metals Co..... 802
Barrett Co..... 360

Plows (Railroad)—
Western Wheeled Scraper Co..... 298

Plug Receptacles & Caps—
Bryant Electric Co..... 282

Pneumatic Bell Ringers—
United States Metallic Packing Co.. 312
Viloco Ry. Equipment Co..... 790

Pneumatic Flanging Clamps—
Wickes Bros..... 666

Pneumatic Flanging Machines—
McCabe Mfg. Co..... 262

Pneumatic Flue Welders—
Draper Mfg Co..... 430
Independent Pneumatic Tool Co... 140

Pneumatic Gates—
Buda Company..... 418
Pneumatic Gate Co..... 466

Pneumatic Hammers—
See Pneumatic Tools.

Pneumatic Hoists—*See Hoists (Pneumatic)*—

Pneumatic Hose—*See Hose, (Air, Fire Pneumatic & Steam).*

Pneumatic Punches—
Keller, Inc., William H..... 456

Pneumatic Riveters—
See Pneumatic Tools.

Pneumatic Spike Drivers—
See Spike Drivers (Pneumatic).

Pneumatic Tie Tamper—
Ingersoll-Rand Co..... 56

Pneumatic Tools—
Chicago Pneumatic Tool Co..... 16
Cleveland Pneumatic Tool Co..... 142
Independent Pneumatic Tool Co... 140
Ingersoll-Rand Co..... 56
Keller, Inc., William H..... 456
King Pneumatic Tool Co..... 148
Kinsey Co., Inc., The E. A..... 756
Manning, Maxwell & Moore, Inc. .. 476
Oldham & Son Co., George..... 148
Rivet Cutting Gun Co..... 594
Ryerson & Son, Jos. T..... 616
Southwark Foundry & Machine Co. 272
Sullivan Machinery Co..... 582

Pneumatic Track Sanding Apparatus—
See Locomotive Sanders.

Pneumatic Turntable Tractors—
See Loco. Turntable Devices (Pneumatic)

Pole Line Hardware—
Bethlehem Steel Co.....368 & 626
Graybar Electric Co., Inc..... 268
Hubbard & Co..... 656
Lundy Co., E. A..... 482

Poles (Concrete)—
Massey Concrete Products Corp.... 800

Poles (Steel)—
National Railway Appliance Co.... 14
National Tube Co..... 20

Polishing Compounds—
Aquart Mfg. Co 764
Brooks & Co., Clarence..... 696

Polyphase Induction Motors—
Lundy Co., E. A..... 482

CLECO
PORTABLE BALL BEARING
AIR GRINDERS

No. 7–G. Grinder

Every revolving part in the **Cleco Air Grinder** is mounted on Ball Bearings eliminating all **Friction.** There are no Studs, Nuts, Caps or Toggles to get loose and cause trouble.

The No. 7-G. illustrated weighs 12 lbs., speed 4600 R.P.M., has Enclosed Handle with Thumb-Latch Air Control; furnished with **Twist** or **Snap** Throttle Handles, if preferred, and 4" or 6" Wheel Guard.

No. 8–G. Grinder

The No. 8-G. Cleco Grinder has a speed of 3600 R.P.M., weight 21 lbs., drives an 8" Emery Wheel; fitted with 8" Wheel Guard.

Same construction as **The No. 7-G.** and has same choice of Handles.

A practical Tool for any Locomotive or Car Shop.

We Make: Bowes Air Hose Couplings and Cleco Pressure-Seated Air Valves. All Styles and Sizes carried in Stock.

Write for Bulletins Nos. 52 and 78 G

THE CLEVELAND PNEUMATIC TOOL COMPANY
CLEVELAND, OHIO, U. S. A.
Branches in all large cities

Pop Safety Valves—
Ashton Valve Co. 782
Crosby Steam Gage and Valve Co. .. 608
Manning, Maxwell & Moore, Inc. ... 476
Nathan Mfg. Co. 514
Sargent Co. 768
Star Brass Mfg. Co. 780

Porcelain Insulators—
Lundy Co., E. A. 482

Portable Air Compressors—
Chicago Pneumatic Tool Co. 16
Ingersoll-Rand Co. 56
Penna. Pump & Compressor Co. ... 412

Portable Boring Bars—
Pedrick Tool & Machine Co. 630
Underwood Corp., H. B. 302

Portable Concrete Houses—
Massey Concrete Products Corp. ... 800

Portable Drills, Tappers, Reamers and Portable Emery Grinders—
Chicago Pneumatic Tool Co. 16
Cleveland Pneumatic Tool Co. 142
Graybar Electric Co., Inc. 268
Independent Pneumatic Tool Co. .. 140
Ingersoll-Rand Co. 56

Portable Electric Cranes—
Baker-Raulang Co. 304
Crescent Truck Co. 436
Elwell-Parker Electric Co 320

Portable Electric Tools—
Chicago Pneumatic Tool Co. 16
General Electric Co. ..... Cover
Graybar Electric Co., Inc. 268

Portable Forges—
See Forges (Portable).

Portable Grinders—
Buda Company 418
Chicago Pneumatic Tool Co 16
Cleveland Pneumatic Tool Co. 142
Ingersoll-Rand Co. 56

Portable Heaters—
See Heaters (Portable).

Portable Lights—
Adams & Westlake Co. 330
Marine Torch Co. 498
Milburn Co., The Alexander 494

Portable Platform Scales—
Fairbanks, Morse & Co., Inc. 260

Portable Punching & Riveting Machines
Manning, Maxwell & Moore, Inc. ... 476
Niles-Bement-Pond Co. 560

Portable Sanding Machines—
Carborundum Co. 458

Portable Tools for Repair Shops—
See Tools (Portable for Repair Shops).

Portable Track—
Western Wheeled Scraper Co. 298

Post Caps—
Van Dorn Iron Works Co. 338

Posts (Steel)—
National Tube Co. 20

Potheads—
Okonite Co., The 1
Standard Underground Cable Co. .. 434

Power Hack Saw Machines—
Atkins & Co., Inc., E. C. 492

Power Hammers—
Beaudry Co., Inc. 69
Bethlehem Steel Co. ..... 368 & 626
Chambersburg Engineering Co. 16
Consolidated Mach. Tool Corp. 124
Manning, Maxwell & Moore, Inc. ... 476
Niles-Bement-Pond Co. 56
Ryerson & Son, Jos. T. 616
Sullivan Machinery Co. 582

Power House Equipment—
Miller Heating Co., F. W., The 784

Power Punches, Hammers & Shears—
Consolidated Mach. Tool Corp. 124
Niles-Bement-Pond Co. 560
Ryerson & Son, Jos. T. 616
Wickes Bros. 666

Power Reverse Gear—
American Locomotive Co. 464
Barco Mfg. Co. 98
Franklin Ry. Supply Co. 76
Transportation Devices Corp. 326

Power Transmission Chains—
American Chain Co., Inc. 350

Preservatives (Wood)—
Barrett Co 360

Pressed Steel—
Bethlehem Steel Co. ..... 368 & 626
General American Car Co. 706
Illinois Car & Mfg. Co 96
Inter-state Car & Foundry Co 358
Pressed Steel Car Co. 660
Richmond Car Works 96
Steel Car Co. 96

Pressed Steel Cars & Trucks—
American Car & Foundry Co. 620
Bethlehem Steel Co. ..... 368 & 626
Frost Ry. Supply Co. 74
Pressed Steel Car Co. 660
Pullman Car & Mfg. Corp. 684
Standard Steel Car Co. 606

Pressed Steel Flooring for Cars—
Morton Mfg. Co. 302

Pressed Steel Truck Bolsters—
Bethlehem Steel Co. ..... 368 & 626
National Railway Appliance Co. ... 14

Presses (Bending, Forcing, Scarfing)—
Birdsboro Steel Fdy. & Mach. Co. .. 430

Pressure Jacks—
Clark Mfg. Co 622

Pressure Recording Gage—
See Recording Gage (Pressure & Water)

RAIL ANTI-CREEPERS

VAUGHAN FAIR

P & M

HENGGI YARDLEY

THE P. & M. CO.

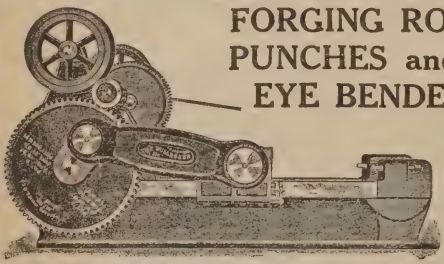
RAILWAY EXCHANGE
CHICAGO

MONTREAL LONDON PARIS

MOLINE

FORGING TOOLS
BULLDOZERS

UPSETTING and FORGING MACHINES
FORGING ROLLS
PUNCHES and SHEARS
EYE BENDERS



SEND FOR CATALOG

WILLIAMS, WHITE & CO., Moline, Ill., U. S. A.

Chicago Office—1624 Monadnock Bldg.
Philadelphia Office—829 Commercial Trust Bldg. New York Office—30 Church St.
Detroit Office—250 Cortland Ave. Pittsburgh Office—Commonwealth Bldg.

Printers—
O'Malley Co., The M. J. 732

Projector Carbons—
National Carbon Co., Inc. 274

Projectors (Flood Light)—
Electric Service Supplies Co. 76
Graybar Electric Co., Inc 268

Protected Metal (Asbestos)—
Robertson Co., H. H. 690

Protective Coating (Cement)—
Lucas Co., Robert M. 58

Pump Valves—
Jenkins Bros. 700
New York Belting & Packing Co. 310
Quaker City Rubber Co. 404
Woven Steel Hose & Rubber Co. 356

Pumping Engines (Gas and Gasoline)—
Fairbanks, Morse & Co. 260

Pumps—
American Well Works 412
Bowser & Co., Inc., S. F. 454
Fairbanks, Morse & Co 260
Henderer's Sons, A. L. 768
Ingersoll-Rand Co 56
Kalamazoo Ry. Supply Co. 444
Penna. Pump & Compressor Co. 412
Watson-Stillman Co. 664
Worthington Pump & Machy. Corp. 562

Pumps (Air Lift)—
Chicago Pneumatic Tool Co. 16
Ingersoll-Rand Co. 56
Penna. Pump & Compressor Co. 412
Sullivan Machinery Co. 582
Worthington Pump & Machy. Corp. 562

Pumps (Centrifugal, Deep Well Drainage, Condensation)—
American Well Works, The 412
Cook, Inc., A. D. 86
Penna. Pump & Compressor Co. 412
Worthington Pump & Machy. Corp. 562

Pumps (Electric, Hand, Power, Rotary, Transfer)—
Bowser & Co., Inc., S. F. 454

Pumps (Gasoline-Fuel Oil)—
Bowser & Co., Inc., S. F. 454

Pumps (Hydraulic)—
See Hydraulic Pumps.

Pumps (Power-Driven) for Oils, Gasoline, Etc.—
Bowser & Co., Inc., S. F. 454
Worthington Pump & Machy. Corp. 562

Pumps (Self-Measuring)—
Bowser & Co., Inc., S. F. 454

Punches (Hydraulic)—
Chambersburg Engineering Co. 162
Cleveland Punch & Shear Works Co. 594
Henderer's Sons, A. L. 768
Ryerson & Son, Jos. T. 616
Southwark Foundry & Machine Co. 272
Watson-Stillman Co. 664
Wood & Co., R. D. 120

Punches (Pneumatic)—
See Pneumatic Punches.

Punches (Screw)—
Henderer's Sons, A. L. 768

Punches (Ticket)— *See Ticket Punches.*

Punching and Shearing Machinery—
Bethlehem Steel Co. ..... 368 & 626
Cleveland Punch & Shear Works Co. 594
Consolidated Mach. Tool Corp. 124
Manning, Maxwell & Moore, Inc. 476
Niles-Bement-Pond Co. 560
Peck, Stow & Wilcox Co 764
Ryerson & Son, Jos. T. 616
Southwark Foundry & Machine Co. 272
Watson-Stillman Co. 664
Wickes Bros. 666
Williams, White & Co. 144
Wood & Co., R. D. 120

Push Cars—
Northwestern Motor Co. 336

Pyrometers—
Superheater Co. ..... Foot Notes & 90

Quartering Machines—
Niles-Bement-Pond Co. 560

Racks (Parcel)—
Adams & Westlake Co. 330
Dayton Mfg. Co. 602

Radial Buffer—
Franklin Ry. Supply Co., Inc. 76

Radial Drills—
Cleveland Punch & Shear Works Co. 594
Consolidated Mach. Tool Corp. 124
Manning, Maxwell & Moore, Inc. 476
Niles-Bement-Pond Co. 560
Ryerson & Son, Jos. T. 616
Wickes Bros. 666

Radius Planers—
Pedrick Tool & Machine Co. 630
Underwood Corp., H. B. 302

Rail Anchor Tie Plates—
Chicago Malleable Castings Co. 128

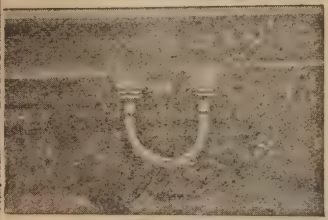
Rail Anchors—
Anchor Co. 58
Chicago Malleable Castings Co. 128
Creepcheck Co., Inc. 780
Lundie Engineering Corp. 634
Natl. Malleable & Steel Castings Co. 426
P. & M. Co., The 144
Positive Rail Anchor Co. 504
Q & C Co. ..... Cover & 402
Track Specialties Co. 750
Verona Tool Works 628

Rail & Rail Joint Insulation Fibre—
Diamond State Fibre Co. 298
National Vulcanized Fibre Co. 404
Rail Joint Co., The 574
Spaulding Fibre Co 704
Whall Co., C. H. 310

Rail Anti-Creepers—
(See Anti-Rail Creepers.)

O-B SIGNAL BOND

Makes Signal Operation Easier



O-B Signal Bond Installed

Tests have demonstrated that O-B Signal Bonds greatly reduce track circuit resistance and so start a whole series of economies and improvements.

Made of copper strand. Gas welded to ball of rail.

Send for information.

THE OHIO BRASS COMPANY - Mansfield, Ohio

Manufactures: Rail Bonds; Catenary Materials; High Tension Porcelain Insulators; Third Rail Insulators.

Distance-Speed Recording Co.

Under Management of

H. D. Walbridge & Co.

14 WALL STREET NEW YORK

MANUFACTURERS OF SPEED RECORDERS FOR LOCOMOTIVES

The Loco-Recorder

Model K for road engines. Model S-E for switch engines.

Rugged in construction and highly accurate.

Reduce depreciation of locomotives and rolling equipment.

Save coal and increase train loads.

Render positive the observance of speed regulations.

Promote safety.

Take the guess out of switch engine operation.

Rail Benders—
Aldon Co., The..... 760
American Chain Co., Inc..... 350
De Remer-Blatchford Co..... 318
Hubbard & Co..... 656
Iron City Tool Works..... 480
Kalamazoo Ry. Supply Co..... 444
M. W. Supply Co..... 372
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Pettibone Mulliken Co.....Cover
Q & C Co. .....Cover & 402
Sherburne & Co..... 362
Southwark Foundry & Machine Co. 272
Track Specialties Co..... 750
Verona Tool Works..... 628
Watson-Stillman Co..... 664
Wood & Co., R. D..... 120

Rail Bond Tools—
American Steel & Wire Co..... 264

Rail Bonds—
American Steel & Wire Co..... 264
Ohio Brass Co..... 146

Rail Braces and Fastenings—
American Frog & Switch Co..... 102
Carnegie Steel Co..... 280
Cleveland Frog & Crossing Co..... 448
Cleveland Railway Supply Co..... 776
Illinois Steel Co..... 378
Lorain Steel Co..... 488
M. W. Supply Co..... 372
Morden Frog & Crossing Works.... 406
Natl. Malleable & Steel Castings Co. 426
Pettibone Mulliken Co.....Cover
Positive Rail Anchor Co..... 504
Q & C Co.....Cover & 402
Railroad Supply Co.....Cover & 24
Ramapo Ajax Corporation..... 328
Republic Iron & Steel Co..... 440
St. Louis Frog & Switch Co..... 776
Track Specialties Co..... 750
Weir Kilby Corp..... 102

Rail Clips—
Track Specialties Co..... 750

Rail Drills—
Aldon Co., The..... 760
Chicago Ry. Signal & Supply Co.... 86
Consolidated Mach. Tool Corp..... 124
Kalamazoo Ry. Supply Co..... 444
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Railroad Supply Co.....Cover & 24
Sherburne & Co..... 362
Track Specialties Co..... 750
Verona Tool Works..... 628
Walworth Co.....Cover & 388
Woodings Forge & Tool Co..... 708

Rail (Frictionless)—
Frictionless Rail..... 422

Rail Handling Cranes—
Parsons Co..... 658

Rail Joint Lock (Automatic)—
National Railway Appliance Co.... 14

Rail Joint Springs—
Verona Tool Works..... 628

Rail Joints—
Carnegie Steel Co..... 280
Chicago Ry. Signal & Supply Co.... 86
De Remer-Blatchford Co..... 318
Du-Wel Steel Products Co..... 750
Illinois Steel Co..... 378
Lorain Steel Co..... 488
Louisville Frog & Switch Co..... 108
Q & C Co.....Cover & 402
Rail Joint Co..... 574
Railroad Supply Co.....Cover & 24
Track Specialties Co..... 750

Rail Layer—
Maintenance Equipment Co..... 758

Rail Punches (Hydraulic)—
Henderer's Sons, A. L..... 768
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Watson-Stillman Co..... 664

Rail Saws—
Aldon Co., The..... 760
Atkins & Co., Inc., E. C..... 492
Industrial Works..... 564
Q & C Co .....Cover & 402
Railroad Supply Co.....Cover & 24
Ryerson & Son, Jos. T..... 616
Vandyck Churchill Co..... 154

Rail Shims—
Track Specialties Co..... 750

Rails (Iron and Steel)—
Bethlehem Steel Co.....268 & 326
Carnegie Steel Co..... 280
Frank, M. K..... 780
Frictionless Rail..... 422
Hyman Michaels Co..... 132
Illinois Steel Co..... 378
Inland Steel Co. 694
Republic Iron & Steel Co..... 440

Rails (Second Hand)—
Frank, M. K..... 780
Hyman Michaels Co..... 132
Southern Iron & Equipment Co.... 792
Wilson & Co., E. H 300

Railroad Crossing Gates and Signals—
See Crossing Gates-Crossing Signals.

Railroad Crossings (Asphalt)—
Barber Asphalt Co..... 450
Barrett Co..... 360
Headley Good Roads Co..... 596

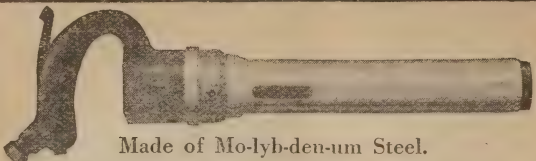
Railroad Ditchers—
American Hoist & Derrick Co 466
Browning Crane Co..... 756
Jordan Co., O. F..... 114
McMyler Interstate Co..... 578

Railroad Fencing—
American Steel & Wire Co..... 264
Pittsburgh Steel Co..... 652

Railroad Flags—
Adams & Westlake Co..... 330
Chicago Flag & Decorating Co..... 96

Railroad Shop Lighting and Power Equipment—
Westinghouse Electric & Mfg. Co... 512

Railroad Water Tanks and Columns—
See Water Columns.



Made of Mo-lyb-den-um Steel.

A New Standard of Excellence in pneumatic tools. KING HAMMERS hit harder, hit faster and with less recoil. That means more rivets at less cost in both dollars and human effort. The King Sleeve Valve eliminates up-keep costs and prevents costly delays.

King chipping hammers give a greater production per man, per hour, with less fatigue to the operator.

That is a new standard of excellence.

Riveting Hammers	Rivet Cutters
Chipping Hammers	Electric Drills
Scaling Hammers	All Accessories

Bulletins on request

KING PNEUMATIC TOOL COMPANY

1735 Armitage Ave. - - - CHICAGO, ILL.

Branches in Principal Cities

RIVETERS **RAMMERS**

OLDHAM PNEUMATIC TOOLS

CHIPPERS **SCALERS**

GEO. OLDHAM & SON CO.

BALTIMORE, MD.

Railroad Weed Burners—
Fairmont Railway Motors, Inc..... 674
Woolery Machine Co..... 128
Railway Motor Car Wheels—
Fairmont Railway Motors, Inc..... 674
Northwestern Motor Co..... 336
Parsons Co..... 658
Railway Oil Storage & Handling Systems—
See Oil Storage & Distributing Systems.
Railway Signal Pipe—
Reading Iron Co..... 530
Railway Trestles, Concrete—
Massey Concrete Products Corp.... 800
Rammers (Pneumatic)—
Chicago Pneumatic Tool Co..... 16
Ingersoll-Rand Co..... 56
Range Boilers (Galvanized Steel)—
Scaife & Sons Co., Wm. B..... 668
Wheeling Steel Corp..... 618
Ratchet Brake Levers—
Adams & Westlake Co..... 330
Blackall, Robert H..... 138
Railway Devices Co..... 528
Talmage Mfg. Co., The..... 8
Ratchet Drills—
Armstrong Bros. Tool Co..... 478
Pratt & Whitney Co..... 452
Rattan (Car Seat & Snow Sweeper)—
Heywood-Wakefield Co..... 504
Reamers
Brubaker & Bros. Co., W. L..... 580
Chicago Pneumatic Tool Co..... 16
Clark Equipment Co..... 584
Davis Boring Tool Co..... 534
Goddard & Goddard Co..... 442
Liberty Machine Works..... 296
Pratt & Whitney Co..... 452
Ryerson & Son, Jos. T..... 616
Walworth Co.....Cover & 388
Reaming Machines (Vertical & Horizontal)—
American Car & Foundry Co..... 620
Reclaiming Systems for Oil—
Bowser & Co., Inc., S. F..... 454
Oil & Waste Saving Machine Co.... 406
Recorders (Locomotive Speed)—
Chicago Pneumatic Tool Co..... 16
Distance Speed Recording Co..... 146
Recording Gage (Pressure & Water)
Ashton Valve Co..... 782
Red Lead—
Lowe Bros. Co..... 136
National Lead Co..... 306
Reducing Valves (Locomotive)—
Dunham Co., C. A..... 410
Gold Car Heating & Lighting Co.... 420
Mason Regulator Co..... 766
Refined Iron—
Burden Iron Co. (R. R. & S. S. Div.). 768
Lockhart Iron & Steel Co..... 94
Logan Iron & Steel Co..... 356
Monongahela Iron & Steel Co..... 752
Penn Iron & Steel Co..... 762
Ulster Iron Works..... 92
Refined Iron Bars—
Old Dominion Iron & Steel Works, Inc..... 788
Reflectors (Glass)—
Adams & Westlake Co..... 330
Electric Service Supplies Co..... 76
Pyle-National Company..... 542
Star Headlight & Lantern Co..... 798
Reflectors (Porcelain Enameled)—
Benjamin Electric Mfg. Co..... 550
Reflex Gauges & Glass—
Edna Brass Mfg. Co..... 172
Okadee Co..... 790
Refrigerator Cars—
American Car & Foundry Co..... 620
Pullman Car & Mfg. Corp..... 684
Refrigerator Car Insulation—
See Car Insulation.
Refrigerator Car Paint—*See Paints.* (*Car, Caboose, L., T., S. S., S. T. & S.*)
Reinforced Fuse Contacts—
Lundy Co., E. A..... 482
Reinforced Switch Contacts—
Lundy Co., E. A..... 482
Relaying Rails—*See Rails Second Hand.*
Relays—Track and Interlocking—
Hyman Michaels Co..... 132
Railroad Supply Co. .....Cover & 24
Remote Control Systems for Oil & Gasoline—
Bowser & Co., Inc., S. F..... 454
Replacers—
American Chain Co..... 350
Replacing Frogs—
Aldon Co., The..... 760
Alexander Car Replacer Mfg. Co... 122
De Remer-Blatchford Co..... 318
Du-Wel Steel Products Co..... 750
Johnson Wrecking Frog Co..... 580
Kalamazoo Ry. Supply Co..... 444
Q & C Co.....Cover & 402
St. Louis Frog & Switch Co..... 776
Sherburne & Co 362
Rerailers—*See Replacing Frogs.*
Return Traps—
Dunham Co., C. A..... 410
Reverse Gear (Power)—
American Locomotive Co..... 464
Barco Mfg. Co..... 98
Franklin Ry. Supply Co..... 76
Transportation Devices Corp..... 326
Reversible Switch Point Protector—
Fleming & Sons, Inc., J. R..... 486
Revolving Shields for Vestibule Curtains—
Morton Mfg. Co..... 302
Rheostats—
General Electric Co.....Cover
Transportation Engineering Corp.. 548
Right of Way Fence—
American Steel & Wire Co..... 264
Pittsburgh Steel Co..... 652
Stewart Iron Works Co..... 598
Ring Wheel Grinders—
Besly & Co., Chas. H..... 78
Rings (Packing & Piston)—
Piston Ring Co..... 126
Ripolin—
Glidden Co., The..... 352

MULE-HIDE PRODUCTS

RAILROAD ROOFING MATERIALS

ENGINEERING DEPT.

Smooth and Slate Surfaced Roll Roofing
Asphalt Shingles
Waterproof Insulating Paper
House Linings
Sheathing Papers
Deadening Felt
Roof Coatings and Roof Putty
Built-up Asphalt Roofs
Waterproofing Asphalt
Membranes, Burlap, Felt
Road Cement

Samples and prices furnished on request

MECHANICAL DEPT.

Canvas Coach Roofing
Burlap Back Car Roofing
Plastic Car Roofing
Insulating Papers
Sill Covering
Asphalt Compounds
M. C. B. Cement
Waterproofing Asphalt
Membranes, Burlap, Felt

MANUFACTURED BY

THE LEHON COMPANY, 44th to 45th St. on Oakley Ave., Chicago

New York: 60 Broadway — St. Louis: 1948 Railway Exchange
Minneapolis: 904 West Lake Street — Richmond: 1225 Mutual Building

"NOT A KICK IN A MILLION FEET"

TOOL CHECKS

— FOR —

MACHINE SHOPS

A SIMPLE, POSITIVE RECORD FOR TOOL ROOM

WRITE FOR PAMPHLET FORM 31

EMPLOYES TIME CHECKS

IDENTIFICATION BADGES

STAMPED AND EMBOSSED METAL SPECIALTIES

AMERICAN RAILWAY SUPPLY CO.

134-136 CHARLES STREET, NEW YORK

Rivet Cutters—
Chicago Pneumatic Tool Co..... 16
Keller, Inc., William H..... 456
King Pneumatic Tool Co..... 148
Rivet Cutting Gun Co..... 594
Rivet Forges—*See Forges (Rivet).*
Rivet Heaters (Electric)—
See Electric Rivet Heaters.
Rivet Sets—
Chicago Pneumatic Tool Co..... 16
Cleveland Pneumatic Tool Co..... 142
Henderer's Sons, A. L..... 768
Ingersoll-Rand Co..... 56
Keller, Inc., William H..... 456
King Pneumatic Tool Co..... 148
Rivet Snaps—
Cleveland Punch & Shear Wks. Co. 594
Riveting Hammers (Pneumatic)—
Chicago Pneumatic Tool Co..... 16
Cleveland Pneumatic Tool Co..... 142
Independent Pneumatic Tool Co... 140
Ingersoll-Rand Co..... 56
Keller, Inc., William H..... 456
King Pneumatic Tool Co..... 148
Oldham & Son Co., Geo..... 148
Ryerson & Son, Jos. T..... 616
Riveted Keys—
American Nut and Bolt Fastener Co. 130
Riveters (Hydraulic)—
Birdsboro Steel Fdy. & Mach. Co.... 430
Chambersburg Engineering Co..... 162
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Southwark Foundry & Machine Co. 272
Watson-Stillman Co..... 664
Wood & Co., R. D..... 120
Riveters (Pneumatic)
See Riveting Hammers (Pneumatic).
Rivets—
Burden Iron Co. (R. R. & S. S. Div.). 768
De Remer-Blatchford Co..... 318
Illinois Car & Mfg. Co..... 96
Inland Steel Co..... 694
Lorain Steel Co..... 488
Richmond Car Works..... 96
Russell, Burdsall & Ward Bolt & Nut Co..... 636
Ryerson & Son., Jos. T..... 616
Steel Car Co..... 96
Steel Car Forge Co..... 606
Rivets (Coupler Yoke)—
National Forge Co..... 116
Road Builders—
Barber Asphalt Co..... 450
Barrett Co..... 360
Headley Good Roads Co..... 596
Roadways & Crossings—
Barber Asphalt Co..... 450
Barrett Co..... 360
Headley Good Roads Co..... 596
Rock Drills—
Chicago Pneumatic Tool Co..... 16
Cleveland Pneumatic Tool Co..... 142
Ingersoll-Rand Co..... 56
Sullivan Machinery Co..... 582
Rod and Guide Cups—
Edna Brass Mfg. Co..... 172
Nathan Mfg. Co..... 514
Rod Bushing Set Screws—
Van Dorn Iron Works Co..... 338
Rods (Copper)—
Amer. Insulated Wire & Cable Co.. 638
Rods (Rope, Spring)—
Page Steel & Wire Co..... 266
Roll Lathes—
Niles-Bement-Pond Co..... 560
Wickes Bros..... 666
Rolled Steel Traffic Treads—
Wood Iron & Steel Co., Alan..... 672
Rolled Steel Wheels—
Buda Company..... 418
Carnegie Steel Co..... 280
Edgewater Steel Co..... 498
Illinois Steel Co..... 378
Sherburne & Co..... 362
Standard Steel Car Co..... 606
Standard Steel Works Co..... 380
Roller Bearings—
Timken Roller Bearing Co. Cover & 644
Rollers, Vestibule Curtain, Releasing—
Morton Mfg. Co..... 302
Rolling Doors, Partitions and Shutters (Steel)—
Cornell Iron Works..... 774
Kinnear Mfg. Co..... 774
Richards-Wilcox Mfg. Co..... 100
Wilson Corp., The J. G..... 88
Rolling Mill Machinery—
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Rolls, Forming and Bending—
Peck, Stow & Wilcox Co..... 764
Roof Cement—
Arco Co..... 486
Asbestos Shingle, Slate & Sheathing Co..... 544
Barber Asphalt Co..... 450
Lucas Co., Robert M..... 58
Milar, Clinch & Co..... 646
Roof Insulation—
Celotex Co..... 602
Wood Conversion Co..... 72
Roof Paints—*See Paints (Roof.)*
Roof Trusses—
American Bridge Co..... 66
Roofers Tools, for Sheet Metal—
Peck, Stow & Wilcox Co..... 764
Roofing Canvas—
Lehon Co., The..... 150
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152
Roofs and Roofing—
Arco Company..... 486
Asbestos Shingle, Slate & Sheathing Co..... 544
Barber Asphalt Co..... 450
Barrett Co..... 360
Hutchins Car Roofing Co..... 662
Johns-Manville, Inc..... 316
Lehon Co..... 150
Nelson Mfg. Co., B. F..... 152
Robertson Co., H. H..... 690
Ruberoid Co..... 152
Standard Ry. Equipment Co..... 324
Tuco Products Corporation..... 600
Roofs (Asbestos Cement)—
Asbestos Shingle, Slate & Sheathing Co..... 544

NELSON'S ROOFING

There is a NELSON ROOF for Every Type of Building and Car

RAILROAD BUILDINGS

Plain Roll Roofing
Rock Surfaced Roofing
Built-up Roofing
Asphalt Shingles
Waterproofed Papers

RAILROAD CARS

Plastic Car Roofing
Passenger Coach Roofing
Canvas Caboose Roofing
Sill Covers and
Sill Compounds

BRIDGES and SUBWAYS

Waterproofing Asphalts
Saturated Cotton Membranes
Saturated Burlaps
Asphalt Felts

REFRIGERATOR CARS

Insulating Papers—Any Width
Torsion Car Roofs
Saturated Cotton Fabrics
Sill Coatings

Samples and prices furnished on request

B. F. NELSON MFG. CO.

Minneapolis, Minn. **Chicago, Ill.**

RU-BER-OID

ROOFING

For Freight Cars, Engine Cabs and Buildings

RUBEROID WATERPROOF DUCK
For passenger car roofs.

RUBEROID GIANT AND HERCULES PAPERS
For insulating refrigerator cars, cold storage warehouses, etc.

RUBEROID GIANT SHINGLES
Extra Heavy — Extra Size — Self-Spacing

Ruberoid Mineralized Roofing
Maintenance Roofing
R. R. Plastic Car Roofing
Ruberoid Strip-shingles (Octagonal, Square, Hexagonal, Four-tone Hex)
Ruberoid Giant Tee-Loks
Ruberoid Re-Roofers
Ruberoid Roof-coating
Ruberoid Cement-waterproofing
Ruberoid Asphalt Paints
P & B Acid-resisting Paints
P & B Insulating Tape
P & B Insulating Compounds
Ruberoid Boiler Plastic

THE RUBEROID CO.
95 Madison Avenue, New York

Chicago **Boston**

Roofs (Asbestos Protected)—
Robertson Co., H. H. 690
Roofs (Freight Car)—*See Car Roofs.*
Rotary Planing Machines—
Cleveland Punch & Shear Works Co. 594
Manning, Maxwell & Moore, Inc. ... 476
Niles-Bement-Pond Co. 560
Underwood Corp., H. B. 302
Rotary Shears—
Southwark Foundry & Machine Co. 272
Wood & Co., R. D. 120
Roundels—
Adams & Westlake Co. 830
Blackall, Robert H. 138
Gray & Sons, Inc., Peter 786
Star Headlight & Lantern Co. 798
Roundhouse Cranes—
Whiting Corporation 554
Roundhouse Doors—
Cornell Iron Works 774
Kinnear Mfg. Co. 774
Richards-Wilcox Mfg. Co. 100
Wilson Corp., The J. G. 88
Rubber Belting, Packing and Hose—
Garlock Packing Co. 370
New York Belting & Packing Co. ... 310
Quaker City Rubber Co. 404
Wood Co., Guilford S. 510
Woven Steel Hose & Rubber Co. ... 356
Rubber Covered Wire—
See Insulated Wire and Cables.
Ruberoid Roofing—
Ruberoid Co. 152
Rules (Steel and Lumber)—
Lufkin Rule Co. 770
Wiebusch & Hilger 770
Rust Loosener—
Cabot, Inc., Samuel 112
Rust Preventives—
Dearborn Chemical Co. 178
Rust Proof Paints—*See Paints (Metal.)*
"S" Irons—
American Nut & Bolt Fastener Co. . 130
National Forge Co. 116
Safe Ends—
Detroit Seamless Steel Tubes Co. ... 754
National Tube Co. 20
Parkesburg Iron Co. 460
Safes—
Van Dorn Iron Works Co. 338
Safety Chains—
American Chain Co. 350
Safety Gates—
See Crossing Gates—Crossing Signals.
Safety Guard Rails—
Louisville Frog & Switch Co. 108
Safety Guards for Brake Beams—
American Steel Foundries 398
Safety Red Paint for Targets—
Detroit Graphite Co. 538
Du Pont de Nemours & Co., E. I. ... 354
Glidden Co., The 352
Sherwin-Williams Co. 786
Safety Saws—
Crowe Mfg. Corp. 666
Safety Treads—
American Abrasive Metals Co. 802
Amer. Mason Safety Tread Co. 704
Morton Mfg. Co. 302
Safety Valves—
Ashton Valve Co. 782
Consolidated Car Heating Co. 762
Crosby Steam Gage & Valve Co. 608
Manning, Maxwell & Moore, Inc. ... 476
Nathan Mfg. Co. 514
Star Brass Mfg. Co. 780
Sand Blast Machinery—
Consolidated Mach. Tool Corp. 124
Snow Construction Co., T. W. 678
Viloco Ry. Equipment Co. 790
Sand Dryers—
Robertson & Co., Wm. 80
Viloco Ry. Equipment Co. 790
Sand Feeders (Auto. and Pneumatic)—
Graham-White Sander Corp. 352
Hanlon Locomotive Sander Co. 766
U. S. Metallic Packing Co. 312
Viloco Ry. Equipment Co. 790
Sand Hoists (Pneumatic)—
Robertson & Co., Wm. 80
Sand Rammers (Pneumatic)—
Chicago Pneumatic Tool Co. 16
Cleveland Pneumatic Tool Co. 142
Ingersoll-Rand Co. 56
Keller, Inc., William H. 456
Sand Tanks and Sand Valves—
Robertson & Co., Wm. 80
Sanders (Locomotive)—
See Locomotive Sanders.
Sanitary Appliances—
West Disinfecting Co. 318
Sanitary Cleaner & Cleanser—
Ford Co., J. B. 338
Sanitary Drinking Fountains—
Adams & Westlake Co. 330
Giessel Co., Henry 314
Sanitary Specialties—
Adams & Westlake Co. 330
Duner Co. 788
Johns-Manville, Inc. 316
West Disinfecting Co. 318
Sash—
Curtain Supply Co. 84
Sash Balances—
Adams & Westlake Co. 330
Curtain Supply Co. 84
Edwards Company, O. M. 576
National Lock Washer Co. 446
Tuco Products Corporation 600
Sash Chains—
American Chain Co. 350
Sash Cord (Metal)—
American Cable Co. 648
Sash Locks—
Adams & Westlake Co. 330
Dayton Mfg. Co. 602
Edwards Company, O. M. 576
Morton Mfg. Co. 302
National Lock Washer Co. 446

HIGLEY

COLD METAL SAWS

16 SIZES

ALSO LATHES, PLANERS, SHAPERS, DRILLS, ETC.

VANDYCK CHURCHILL COMPANY

NEW YORK PHILADELPHIA
NEW HAVEN PITTSBURGH

THE FRENCH PLUSH RE-NEWING PROCESS

Makes USED Plush like NEW Plush

The FRENCH CLEANER thoroughly cleans and disinfects the PLUSH.

The FRENCH DYE restores the PLUSH to its original shade and color, and we guarantee it to be absolutely fast.

FRENCH CARPET CURTAIN CLEANER

FRENCH LEATHER PANTASOTE LUSTRE

TUVAL for interior and exterior car cleaning.

THE FRENCH RENOVATING COMPANY
CLEVELAND, OHIO

Sash Operating Device (Ventilating)—
Lupton's Sons Co., David..... 132

Sash Ratchets—
Adams & Westlake Co..... 330
Curtain Supply Co..... 84
Tuco Products Corporation..... 600

Saw-Band Rubbers—
New York Belting & Packing Co... 310
Quaker City Rubber Co..... 404

Saw Guards—
Atkins & Co., E. C..... 492

Sawn Ties—
Exchange Sawmills Sales Co..... 366

Saws—
Atkins & Co., Inc., E. C..... 492
Consolidated Mach. Tool Corp..... 124
Crowe Mfg. Corp..... 66
Vandyck Churchill Co..... 154

Saws (Electric)—
Crowe Mfg. Corp..... 666

Scale Weight Test Car—
Southwark Foundry & Mach. Co... 272

Scalers—
Oldham & Son Co., Geo..... 148

Scales (All Kinds)—
Fairbanks, Morse & Co 260

Scaling Hammers—*See Pneumatic Tools.*

Schools (Correspondence)—
International Correspondence Schools 386

Scoops—
Ames Shovel & Tool Co..... 278
Wood Shovel & Tool Co..... 400
Wyoming Shovel Wks..... 156

Scotch Glass Tubes—
Jenkins Brothers..... 700
Rogers Co., H. A..... 700

Scrap (Iron and Steel)—
Frank, M. K 780
Hyman Michaels Co..... 152

Screens (Brass Well)—
Cook, Inc., A. D..... 86

Screens (Perforated Metal)—
Hendrick Mfg. Co..... 332

Screw Jack Locomotive Hoists—
Whiting Corporation..... 554

Screw Jacks—
Joyce-Cridland Co..... 114
Kalamazoo Ry. Supply Co 444
Norton, Inc., A. O..... 572

Screw Machines (Automatic & Hand)—
Manning, Maxwell & Moore, Inc.... 476
Pratt & Whitney Co..... 452

Screw Manufacturers—
Eagle Lock Co..... 544

Screw Plates—
Brubaker & Bros. Co., W. L..... 580

Screw Punches—
Henderer's Sons, A. L..... 768
Watson-Stillman Co..... 664

Screw Spikes—
Carnegie Steel Co..... 280
Illinois Steel Co..... 378
Steel Car Forge Co..... 606

Screw Stock—
American Steel & Wire Co..... 264

Seamless Boiler Tubes—
Detroit Seamless Steel Tubes Co.... 754
Globe Steel Tubes Co..... 610
National Tube Co..... 20
Pittsburgh Steel Co..... 652
Pittsburgh Steel Products Co..... 314
Standard Seamless Tube Co..... 546

Seamless Tubes (Brass & Copper)—
See Brass & Copper Tubes (Seamless)

Seat Boxes—
Van Dorn Iron Works Co..... 338

Seat Ends (Hollow Metal)—
Adams & Westlake Co..... 330
Hale-Kilburn Co..... 506
Heywood-Wakefield Co..... 504

Seats (Car)—
See Car Seats.

Second Hand Material—
Frank, M. K 780
Southern Iron & Equipment Co.... 792
Wilson & Co., E. H 300

Section Motor Cars—
See Gasoline Motor Cars.

Selectors, Telegraph & Telephone—
Union Switch & Signal Co..... 590

Self Measuring Oil & Gasoline Pumps—
See Oil Pumps (Measuring & Non-Measuring, Power & Hand).

Semaphore Blades—
Blackall, Robert H..... 138

Semaphore Paint—*See Paints (Car, Caboose, Locomotive, Truck, Smoke Stack, Switch Targets & Semaphore.)*

Semi-Automatic Angle Cock—
Sprague Safety Control & Signal Corp 170

Separators (Coal)—
Frederick Iron & Steel Co..... 800

Separators (Oil)—
Dunham Co., C. A..... 410
Oil & Waste Saving Machine Co.... 406

Shade Rollers—
Curtain Supply Co..... 84
Morton Mfg. Co..... 302

Shades—*See Car Curtains & Shades.*

Shaft Hangers—
Sellers & Co., Inc., Wm..... 508

Shafting (Steel or Iron—Hollow)—
Falls Hollow Staybolt Co..... 796

Shaker Lever Handles—
Van Dorn Iron Works Co..... 338

This Railroad Cut Its Shovel Bill In Half

A Western railroad has been using Red Edge Locomotive Scoops for one year. Their scoop bill has averaged just $253 per month. For the two years prior to standardizing on Red Edge their scoops cost them $485 per month. It's hard to get around figures like that.

Red Edge Track shovels can show just as pretty records of long wear and good service.

THE WYOMING SHOVEL WORKS
Wyoming, Penna.

Shapers—
Cleveland Punch & Shear Works Co. 594
Consolidated Mach. Tool Corp. 124
Manning, Maxwell & Moore, Inc. 476
Niles-Bement-Pond Co. 560
Pratt & Whitney Co. 452
Ryerson & Son, Jos. T. 616

Shearing Machines
Consolidated Mach. Tool Corp. 124
Peck, Stow & Wilcox 764
Ryerson & Son, Jos. T. 616
Southwark Foundry & Machine Co. 272
Wickes Bros. 666
Wood & Co., R. D. 120

Shears (Bevel)—
Birdsboro Steel Fdy. & Mach. Co. 430
Consolidated Mach. Tool Corp. 124
Manning, Maxwell & Moore, Inc. 476
Ryerson & Son, Jos. T. 616

Sheathing—
Celotex Co. 602
Wood Conversion Co. 72

Sheathing (Hair Insulator)—
Johns-Manville, Inc. 316

Sheathing, Metallic (Steel)—
Tuco Products Corp. 600

Sheathing Papers—
Barber Asphalt Co. 450
Barrett Co. 360
Johns-Manville, Inc. 316
Lehon Co. 150
Nelson Mfg. Co., B. F. 152
Ruberoid Co. 152

Sheet Bars—
Carnegie Steel Co. 280
Illinois Steel Co. 378

Sheet Steel—
Bethlehem Steel Co. 368 & 626
Wheeling Steel Corp. 618
Wood Iron & Steel Co., Alan. 672

Sheets (Blue Annealed)—
Bethlehem Steel Co. 368 & 626
Inland Steel Co. 694
Wheeling Steel Corp. 618

Sheets (Galvanized)—
Bethlehem Steel Co. 368 & 626
Inland Steel Co. 694
Ryerson & Son, Jos. T. 616
Wheeling Steel Corp. 618

Sheets (O. P. C. R.)—
Bethlehem Steel Co. 368 & 626
Inland Steel Co. 694
Wheeling Steel Corp. 618

Shellacs—
Berry Bros. 374

Shields, Vestibule Curtain Revolving—
Morton Mfg. Co. 392

Shingles (Asphalt)—*See Asphalt Shingles.*

Shingle Stains (Creosote)—
Cabot, Samuel, Inc. 112

Shingle Stain (Preservative)—
Acme White Lead & Color Wks. 588
Arco Company 486
Glidden Co., The 352
Kay & Ess Co. 548
Sherwin-Williams Co. 786

Shingles (Asbestos)—
Asbestos Shingle, Slate & Sheathing Co. 544

Shingles (Mineral Surfaced)—
Barrett Co. 360

Shovels—
Ames Shovel & Tool Co. 278
Hubbard & Co. 656
Iron City Tool Works 480
Nat. Malleable & Steel Castings Co. 426
Sheburne & Co. 362
Wood Shovel & Tool Co. 400
Wyoming Shovel Works 156

Shutters (Fireproof)—
Cornell Iron Works 774
Kinnear Mfg. Co. 774
Wilson Corp., The J. G. 88

Side Bearings—
See Bearings (Centre and Side).

Side Rod Collars (Drop Forged)—
Van Dorn Iron Works Co. 338

Signal & Semaphore Lamps & Lanterns—
Adams & Westlake Co. 330
Gray & Sons, Inc., Peter 786
Star Headlight & Lantern Co. 798

Signal Apparatus Paints—
Acme White Lead & Color Works 588
Arco Company 486
Cheesman-Elliot & Co., Inc. 10
Detroit Graphite Co. 538
Du Pont de Nemours & Co., E. I. 354
Glidden Co. 352
Kay & Ess Co. 548

Signal Batteries—
Chicago Ry. Signal & Supply Co. 86
Edison, Inc., Thos. A. 604
Edison Storage Battery Co. 540
Electric Storage Battery Co. 526
National Carbon Co. 274
Prest-O-Lite Co., Inc. 168
Railroad Supply Co. Cover & 24
Safety Car Heating & Lighting Co. 342
U. S. Light & Heat Corp. 312
Waterbury Battery Co. 394

Signal Blade Cleaner—
Cleanola Co. 490
Wilson-Imperial Co. 756 & 772

Signal Bridges—
Van Dorn Iron Works Co. 338

Signal Cable—
See Insulated Wire and Cables.

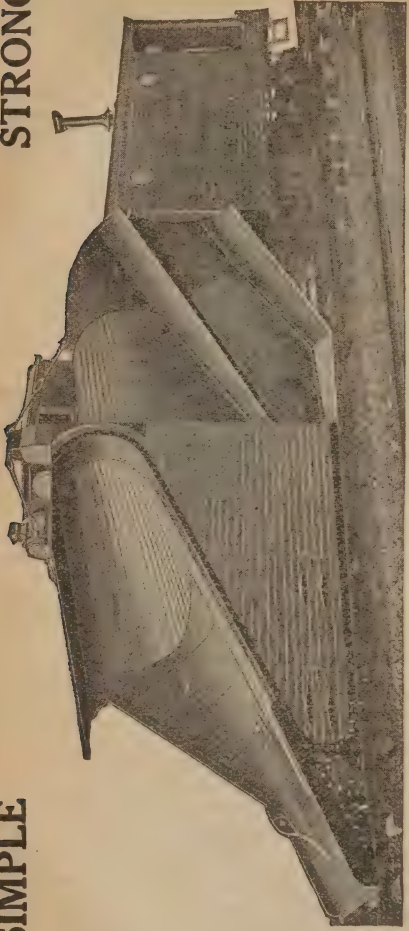
Signal Chains
American Chain Co. 350

Signal Colors—
Acme White Lead & Color Works 588
Arco Company 486
Detroit Graphite Co. 538
Glidden Co., The 352
Kay & Ess Co. 548
Sherwin-Williams Co. 786

Signal Cord—
American Cable Co. 648
Roebling's Sons Co., John A. 642

Signal Flags—*See Flags (Signal.)*

SIMPLE STRONG



MODERN EFFICIENT

Size 2 Wing Elevator Snow-Plow with Flanger

RUSSELL CAR & SNOW PLOW CO., Ridgway, Pa.

WENDELL & MacDUFFIE CO.,
110 East 42nd St., New York, N. Y.
Eastern Sales Agents

WENDELL & MacDUFFIE CO.,
People's Gas Bldg., Chicago
Western Sales Agents

Signal Fusees—*See Fusees (Red, Green or Yellow).*

Signal Lighting—
Adams & Westlake Co. 330
Gray & Sons, Inc., Peter 786

Signal Locks—*See Locks (Switch, Car & Signal).*

Signal Oils—*See Oils (Cylinder, Lubricating, Valve & Signal.)*

Signal Oil Tanks
See Oil House Equipment.

Signal Pipe—
Reading Iron Co 530

Signal Rectifiers—
Luney Co., E. A. 482

Signal Wire—*See Wire (all kinds).*

Signal Wire (Rubber Insulated)—
See Insulated Wire and Cables.

Signals and Signalling Appliances (Railway)—
Chicago Ry. Signal & Supply Co. 86
Du-Wel Steel Products Co. 750
General Railway Signal Co. 2
Hastings Signal & Equipment Co. 588
Miller Train Control Corp. 574
National Safety Appliance Co. 536
Railroad Supply Co. ..... Cover & 24
Sprague Safety Control & Signal Corp. 170
Union Switch & Signal Co. 590

Signs (Warning)—
Chicago Ry. Signal & Supply Co. 86
Du-Wel Steel Products Co. 750
Hastings Signal & Equipment Co. 588
Railroad Supply Co. ..... Cover & 24

Sill Coating—
Nelson Mfg. Co., B. F. 152

Sill Pockets—
Natl. Malleable & Steel Castings Co. 426
Western Railway Equipment Co. 396

Skids—
Kalamazoo Ry. Supply Co. 444

Skid Sets—
American Trackbarrow 392

Skid Shoes—
Q & C Co. ..... Cover & 402

Skylight Construction—
Lupton's Sons Co., David 132

Slabs—
Carnegie Steel Co. 280
Illinois Steel Co. 378

Slack Adjuster for Brakes—
See Brake Slack Adjuster (Automatic).

Slack Adjuster for Drawbar Rod—
Western Railway Equipment Co. 396

Slag Cutting Guns—
Rivet Cutting Gun Co. 591

Slotting Machines—
Consolidated Mach. Tool Corp. 124
Manning, Maxwell & Moore, Inc. 476
Niles-Bement-Pond Co. 560

Smoke Jacks—
Dickinson, Inc., Paul 428
Johns-Manville, Inc. 316
Robertson Co., H. H. 690

Smoke Stack Paints—*See Paints. (Car, Caboose, L., T., S. S., T. & S.)*

Smoke Stacks (Cast Iron)—
Dickinson, Inc., Paul 428

Smoke Stacks (Steel)—
Chicago Bridge & Iron Works 372
Hendrick Mfg. Co. 332

Snips (Hand Shears)—
Peck, Stow & Wilcox Co. 764

Snow Brooms—
Lang Broom Co 160
Wolfe Brush Co. 160

Snow Flangers—
Q & C Co. ..... Cover & 402

Snow Melting Devices—
M. W. Supply Co. 372
Q & C Co. ..... Cover & 402

Snow Plows—
American Locomotive Co. 464
Bradley Car Co., Osgood 414
Jordan Co., O. F. 114
Q & C Co. ..... Cover & 402
Russell Car & Snow Plow Co. 158

Soap Stock—
Wood Co., Guilford S. 510

Sockets—
Clark Equipment Co. 584
Johns Manville, Inc. 316
National Tube Co. 20

Soldering Fluids, Pastes & Salts—
Reade Mfg. Co. 520

Solid and Hollow Brick—
American Arch Co. 304

Solid Forged & Rolled Steel Wheels—
Edgewater Steel Co. 498
Standard Steel Works Co. 380

Sound Deadening Materials—
Johns-Manville, Inc. 316
Wood Conversion Co. 72

Spades—
Ames Shovel & Tool Co. 278
Wood Shovel & Tool Co. 400
Wyoming Shovel Works 156

Spark Arrester Plate—
Hendrick Mfg. Co. 332

Spark Arresters (Locomotives)—
Mudge & Co. 516

Speed Recorders—
Chicago Pneumatic Tool Co. 16
Distance-Speed Recording Co. 146
Viloco Ry. Equipment Co 790

Spike Drivers (Pneumatic)—
Chicago Pneumatic Tool Co. 16
Sullivan Machinery Co. 582

Spike Mauls—
Hubbard & Co. 656
Iron City Tool Works 430
Verona Tool Works 628
Woodings Forge & Tool Co. 708

PRICE SERVICE

TRADE MARK

THE MARK OF QUALITY

WOLFE BRUSH CO.

PITTSBURGH, PA.

BY INVITATION MEMBER OF

NEW YORK, U.S.A.

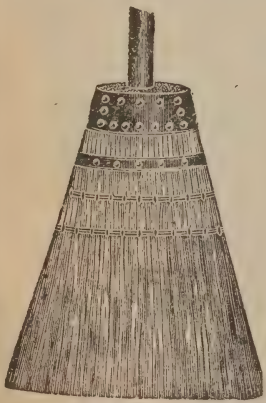
MANUFACTURERS OF

RAILROAD BRUSHES

OF ALL KINDS

BRUSHES THAT WEAR

ALL KINDS OF SPECIAL RAILROAD BROOMS



LANG BROOM COMPANY

PITTSBURGH, PA.

Snow Brooms
Track Brooms
Platform Brooms
Switch Brooms
Station Brooms
Car Brooms
Locomotive Brooms
Office Brooms
Shop Brooms

"UNION" BROOMS FOR SERVICE

Spike Pullers—
Hubbard & Co. 656
Iron City Tool Works 480
Verona Tool Works 628
Woodings Forge & Tool Co. 708

Spikes—*See Track Spikes.*

Splice Bar Punches—
Watson-Stillman Co. 664

Splice Bars—
Bethlehem Steel Co. ..... 368 & 626
Carnegie Steel Co. 280
Frank, M. K. 780
Illinois Steel Co. 378
Inland Steel Co. 694
Rail Joint Co. 574
Republic Iron & Steel Co. 440

Split Keys—
American Nut & Bolt Fastener Co.. 130

Splitting Shears—
Cleveland Punch & Shear Works Co 594
Consolidated Mach. Tool Corp. 124
Peck, Stow & Wilcox Co. 764
Southwark Foundry & Machine Co. 272
Wood & Co., R. D. 120

Spray Painting Equipment—
Links Spray Equipment Co. 764

Spreader Cars—
Western Wheeled Scraper Co. 298

Spreaders (Ballast)
Jordan Co., O. F. 114

Spring Banding Presses—
Southwark Foundry & Machine Co. 272
Wood & Co., R. D. 120

Spring Gibs (Drop Forged)—
Van Dorn Iron Works Co. 338

Spring Machinery—
Birdsboro Steel Fdy. & Mach. Co... 430

Spring Manufacturers—
American Spiral Spring & Mfg. Co. 788
American Steel & Wire Co. 264
American Steel Foundries 398
Fort Pitt Spring & Mfg. Co. 792
Frost Railway Supply Co. 74
Pittsburgh Spring & Steel Co. 68
Railway Steel-Spring Co. 382
Standard Steel Works Co. 380
Union Spring & Mfg. Co. 676

Spring Rail Frogs—
See Frogs and Crossings.

Spring Steel—
Bethlehem Steel Co. ..... 368 & 626
Carnegie Steel Co. 280
Illinois Steel Co. 378
Wyoming Shovel Works 156

Spring Washers—
American Nut & Bolt Fastener Co.. 130
Bethlehem Steel Co. ..... 368 & 626
Franklin Ry. Supply Co. 76
Iron City Tool Works 480
National Lock Washer Co., The.... 446
National Railway Appliance Co. 14
Positive Lock Washer Co. 778
Reliance Mfg. Co. 294
Sherburne & Co. 362
Verona Tool Works 628
Wood Co., Guilford S. 510

Stairs—
Van Dorn Iron Works Co. 338

Stamped Metal Work—
American Nut & Bolt Fastener Co.. 130
American Railway Supply Co. 150

Stand Pipes for Water Stations—
American Valve & Meter Co. ..392 & 456
Chicago Bridge & Iron Works 372
Cleveland Railway Supply Co. 776
Fairbanks, Morse & Co. 260
Kalamazoo Ry. Supply Co. 444
Snow Construction Co. 678

Standard Way-Bills, Bills of Lading, Telegraph Blanks—*See Manifolding.*

Starting and Lighting Brushes—
National Carbon Co. 274

Station Platform Cement—
Barber Asphalt Co. 450

Stationary Cupboards—
Van Dorn Iron Works Co. 338

Stationary Pipe Threading Die Heads—
Landis Machine Co., Inc. 536

Staybolt Cutters (Portable Pneumatic)—
Chicago Pneumatic Tool Co. 16
Independent Pneumatic Tool Co... 140
Ryerson & Son, Jos. T. 616

Staybolt Iron—
Bethlehem Steel Co. ..... 368 & 626
Burden Iron Co. (R. R. & S. S. Div.).. 768
Consolidated Mach. Tool Corp. 124
De Remer-Blatchford Co. 318
Ewald Iron Co. 800
Falls Hollow Staybolt Co. 796
Lockhart Iron & Steel Co. 94
Logan Iron & Steel Co. 356
Monongahela Iron & Steel Co. 752
Old Dominion Iron & Steel Wks., Inc. 788
Penn Iron & Steel Co. 762
Rome Iron Mills, Inc. 340
Ryerson & Son, Jos. T. 616
Ulster Iron Works 92

Staybolt Rivet Dies—
Van Dorn Iron Works Co. 338

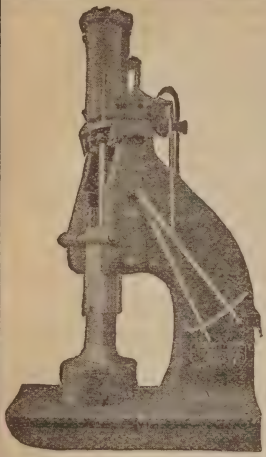
Staybolt Shearing Machines—
Consolidated Mach. Tool Co. 124

Staybolt Taps—
Besly & Co., Chas. H. 78
Brubaker & Bros Co., W. L. 580
Pratt & Whitney Co. 452
Ryerson & Son, Jos. T. 616

Staybolt Threading Die Heads—

Staybolt Threading Machines—
Consolidated Mach. Tool Corp. 124
Landis Machine Co., Inc. 536

Staybolts—
American Locomotive Co. 464
Bethlehem Steel Co. ..... 368 & 626
Falls Hollow Staybolt Co. 796
Flannery Bolt Co. 566
Penn Iron & Steel Co. 762
Ulster Iron Works 92



CHAMBERSBURG

STEAM HAMMERS

ECONOMICAL, RELIABLE
EFFICIENT

All sizes and types for every class of work

Steam Hydraulic Forging Presses
Hydraulic Presses and Riveters
for Boiler Shops

CHAMBERSBURG
ENGINEERING CO.

CHAMBERSBURG, PENNA.

COMMONWEALTH DEVICES

FOR

Passenger and Freight Cars

Have a fine Record for Efficiency and Economy, saving of life and property, and reducing cost of maintenance and repairs.

"They are great Money and Trouble Savers."

COMMONWEALTH STEEL CO.

Granite City, Illinois

Steam Engines—
Chicago Pneumatic Tool Co..... 16

Steam Gages—
Ashton Valve Co..... 782
Consolidated Car Heating Co..... 762
Crosby Steam Gage & Valve Co..... 608
Manning, Maxwell & Moore 476
Star Brass Mfg. Co... 780

Steam Hammer Lubricators—
Madison-Kipp Corp..... 682

Steam Hammers—
Beaudry Co., Inc..... 60
Bethlehem Steel Co.....368 & 626
Chambersburg Engineering Co..... 162
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Ryerson & Son, Jos. T..... 616
Sellers & Co., Wm., Inc..... 508

Steam-Hydraulic Forging Presses—
Chambersburg Engineering Co..... 162

Steam Joints (Flexible)—
Barco Manufacturing Co..... 98
Franklin Ry. Supply Co..... 76

Steam Packing—*See Packing.*

Steam Pumps—
American Well Works 412
Fairbanks, Morse & Co..... 260
Kalamazoo Ry. Supply Co..... 444
Worthington Pump & Machy. Corp. 562

Steam Shovels—
American Hoist & Derrick Co..... 466
Browning Crane Co..... 756
McMyler Interstate Co..... 578

Steam Shovels (Revolving)—
Browning Crane Co..... 756

Steam Traps—
Consolidated Car Heating Co..... 762

Steam Turbine Generating Sets—
Buda Company..... 418
Pyle-National Co..... 542

Steel Bars—
Bethlehem Steel Co.....368 & 626
Carnegie Steel Co..... 280
Illinois Steel Co..... 378
Johnson & Co., J. R..... 794
Old Dominion Iron & Steel Wks., Inc 788

Steel Billets, Blooms and Slabs—
Bethlehem Steel Co .....368 & 626
Carnegie Steel Co..... 280
Illinois Steel Co..... 378
Wheeling Steel Corp..... 618

Steel Boilers—
American Locomotive Co..... 464
Wheeling Steel Corp..... 618

Steel Buildings—
Blaw-Knox Co..... 794

Steel Bunks—
De Remer-Blatchford Co..... 318

Steel Car Paints—*See Paints.*
(Car, Caboose, L., T., S. S., T. & S.)

Steel Car Repairs—
Nugent Steel Castings Co., The..... 762

Steel Cars—
American Car & Foundry Co..... 620
Bethlehem Steel Co.....368 & 626
Bettendorf Co.....Cover
Buffalo Steel Car Co..... 796
Clark Car Co..... 672
Inter-State Car & Foundry Co..... 358
Middletown Car Co 768
Newport News Shipbuilding & Dry Dock Co..... 710
Pressed Steel Car Co..... 660
Pullman Car & Mfg. Corp..... 684
Ralston Steel Car Co. 502
Standard Steel Car Co..... 606

Steel Castings—
American Brake Shoe & Foundry Co. 522
American Locomotive Co..... 464
American Steel Foundries..... 398
Bethlehem Steel Co.....368 & 626
Buckeye Steel Castings Co..... 164
Cleveland Railway Supply Co..... 776
Commercial Steel Casting Co..... 462
Commonwealth Steel Co..... 162
Duquesne Steel Fdry. Co..... 118
Edgewater Steel Co..... 498
Gould Coupler Co..... 532
Hubbard Steel Fdy. Co..... 688
Lorain Steel Co..... 488
Midvale Co..... 460
Natl. Malleable & Steel Castings Co. 426
Newport News Shipbuilding & Dry Dock Co..... 710
Nugent Steel Castings Co., The..... 762
Old Dominion Iron & Steel Wks., Inc 788
Pittsburgh Steel Co.....Cover
Pittsburgh Steel Foundry Corp..... 800
Pratt & Letchworth Co..... 762
Railway Steel-Spring Co..... 382
Reading Steel Casting Co..... 586
Republic Iron & Steel Co..... 440
Scullin Steel Co..... 108
Standard Steel Works Co..... 380
Union Spring & Mfg Co..... 676
Union Steel Casting Co..... 760
Universal Draft Gear Attachm't Co. 88
Wharton, Jr., & Co., Wm., Inc..... 292
Woodman Ry. Supply Co..... 134

Steel Castings (Electric)—
Old Dominion Iron & Steel Wks., Inc 788

Steel Castings (Manganese)—
American Brake Shoe & Fdry. Co... 522
American Locomotive Co..... 464
Bethlehem Steel Co.....368 & 626
Frog, Switch & Mfg. Co..... 640
Lorain Steel Co..... 488

Steel Castings (Vanadium)—
American Locomotive Co..... 464
Union Steel Casting Co..... 760
Vanadium Corp. of America..... 390

Steel Desks—
Van Dorn Iron Works Co..... 338

Steel Diaphragms—
Curtain Supply Co..... 84
Morton Mfg. Co..... 302

BUCKEYE
CAST STEEL PRODUCTS

Truck Frames
Truck Bolsters
Body Bolsters
Draft Yokes
"D" Couplers
Major Couplers
Coupler Repair Parts in Stock

THE BUCKEYE STEEL CASTINGS CO.
COLUMBUS, OHIO

CHICAGO 619 Ry. Exchange
ST. PAUL 817 Merchants Bank Bldg.
LOUISVILLE 1401 Starks Bldg.
NEW YORK 50 Church St.

Foreign Agents: Davis & Lloyd, 26 Victoria St., London

Steel Doors & Partitions—
Lupton's Sons Co., David..... 132

Steel Drums (Black Painted & Galvanized)—
Wheeling Steel Corp..... 618

Steel Ends (Car)—
Chicago-Cleveland Car Roofing Co. 784
Hutchins Car Roofing Co..... 662
Standard Railway Equipment Co.. 324

Steel Fence Post—*See Fence Post (Steel).*

Steel Forgings—
American Locomotive Co..... 464
Bethlehem Steel Co.....368 & 626
Edgewater Steel Co.. 498
Inter-State Car & Foundry Co..... 358
Johnson & Co., J. R..... 794
Lorain Steel Co..... 488
McMyler Interstate Co..... 578
Midvale Co..... 460
Standard Steel Works Co..... 380
Steel Car Forge Co..... 606
Union Switch & Signal Co..... 590
Vanadium Corp. of America..... 390

Steel Knuckles—
Natl. Malleable & Steel Castings Co. 426

Steel Lockers—
Edwards Co., O. M., Inc..... 576
Van Dorn Iron Works Co..... 338

Steel Manufacturers—
American Bridge Co. 66
American Steel Foundries..... 398
Bethlehem Steel Co .....368 & 626
Carnegie Steel Co..... 280
Commonwealth Steel Co..... 162
Edgewater Steel Co..... 498
Firth-Sterling Steel Co..... 786
Illinois Steel Co..... 378
Inland Steel Co..... 694
Lockhart Iron & Steel Co..... 94
Ludlum Steel Co..... 764
Lorain Steel Co..... 488
Lukens Steel Co..... 172
Midvale Co..... 460
Natl. Malleable & Steel Castings Co. 426
Pittsburgh Steel Co..... 652
Railway Steel-Spring Co..... 382
Republic Iron & Steel Co..... 440
Scullin Steel Co..... 108
Standard Steel Works Co..... 380
Wharton, Jr., & Co., Inc., Wm..... 292
Wheeling Steel Corp..... 618
Wood Iron & Steel Co., Alan..... 672

Steel Picks—*See Picks.*

Steel Plate Construction—
Chicago Bridge & Iron Works..... 372

Steel Plates—*See Plates (Steel).*

Steel Poles—
National Railway Appliance Co.... 14
National Tube Co..... 20

Steel Rail Manufacturers—
Bethlehem Steel Co..... ....368 & 626
Carnegie Steel Co..... 280
Illinois Steel Co..... 378
Inland Steel Co..... 694
Republic Iron & Steel Co..... 440

Steel Rails—*See Rails (Iron & Steel).*

Steel Rolling Doors, Partitions and Shutters—
Cornell Iron Works..... 774
Kinnear Mfg. Co..... 774
Wilson Corp., J. G..... 88

Steel Rules—
Lufkin Rule Co..... 770
Wiebusch & Hilger..... 770

Steel Safes—
Van Dorn Iron Works Co..... 338

Steel Sash—
Lupton's Sons Co., David..... 132

Steel Saws—
Atkins & Co., Inc., E. C..... 492

Steel Shapes—
Bethlehem Steel Co.....368 & 626
Carnegie Steel Co..... 280
Illinois Steel Co..... 378
Johnson & Co., J. R..... ... 794
Lockhart Iron & Steel Co..... 94

Steel Shelving—
Edwards Co., O. M., Inc..... 576
Van Dorn Iron Works Co..... 338

Steel Springs—
See Car, Coach and Engine Springs.

Steel Staybolt Bars (Hollow)—
Falls Hollow Staybolt Co..... 796

Steel Structures—
American Bridge Co..... 66

Steel Tape—
Lufkin Rule Co..... 770
Wiebusch & Hilger..... 770

Steel Tanks for Railway Service—
American Locomotive Co..... 464
Bowser & Co., Inc., S. F..... 454
Chicago Bridge & Iron Works..... 372
General American Car Co..... 706
Paige & Jones Chemical Co..... 292
Scaife & Sons Co., Wm. B..... 668
Standard Tank Car Co..... 376

Steel Tie Shims—
Diamond State Fibre Co..... 298
National Vulcanized Fibre Co..... 404

Steel Ties—
Carnegie Steel Co..... 280
Illinois Steel Co..... 378

Steel Tired Car Wheels—
Edgewater Steel Co 498
Midvale Co..... 460
Railway Steel Spring Co..... 382
Sherburne & Co..... 362
Standard Steel Works Co..... 380

Steel Tires—*See Tires (Steel).*

Steel Trucks—
American Steel Foundries..... 398
Bettendorf Co..... .....Cover
Commonwealth Steel Co..... 162
Frost Ry. Supply Co..... 74
Pressed Steel Car Co..... 660
Scullin Steel Co..... 108

Steel Underframes—
See Underframes (Steel.)

Steel (Vanadium)—*See Vanadium Steel.*

Steel Wheels—
American Locomotive Co..... 464
American Steel Foundries..... 398
Bethlehem Steel Co.....368 & 626
Buda Company..... 418
Carnegie Steel Co..... 280
Edgewater Steel Co..... 498
Forged Steel Wheel Co..... 458
Illinois Steel Co..... 378
Kalamazoo Ry. Supply Co..... 444
Railway Steel Spring Co..... 382
Standard Steel Car Co..... 606
Standard Steel Works Co..... 380

Stencil Board—
O'Malley Co., M. J..... 782

Step Box—
Morton Mfg. Co..... 302

Step Joints—*See Rail Joints.*

Step Tread (Safety)—
American Abrasive Metals Co..... 802
Amer. Mason Safety Tread Co..... 704
Morton Mfg. Co..... 302

Stock Guards—*See Cattle Guards.*

Stocks and Dies—
Brubaker & Bros. Co., W. L..... 580
Oster Mfg. Co..... 138
Walworth Co.....Cover & 388

Stokers (Locomotive-Mechanical)—
See Locomotive Stokers.

Storage Batteries—
Edison Storage Battery Co..... 540
Electric Storage Battery Co..... 526
National Carbon Co., Inc..... 274
Prest-O-Lite Co., Inc..... 168
Safety Car Heating & Lighting Co.. 342
U. S. Light & Heat Corp..... 312

Storage Battery Trucks—
See Trucks (Storage Battery).

Storage Tanks (Cast Iron)—
Conveyors Corp. of America..... 432

Storage Tanks (Steel)—
Chicago Bridge & Iron Works..... 372

Straightening Machines—
Cleveland Punch & Shear Works Co. 594
Wickes Bros..... 666

Strain Insulators—
Lundy Co., E. A..... 482

Strainers (Brass Well)—
Cook, Inc., A. D..... 86

Strainers (Locomotive)—
Hendrick Mfg. Co..... 332

Strand (Guy & Messenger)—
Roebling's Sons Co., John A..... 642

Structural Steel—
American Bridge Co..... 66
Bethlehem Steel Co.....368 & 626
Carnegie Steel Co..... 280
Illinois Steel Co..... 378
Inter-State Car & Foundry Co..... 358
Ryerson & Son, Jos. T..... 616
Van Dorn Iron Works Co..... 338

Stucco and Brick Stains—
Cabot, Samuel, Inc..... 112

Superheater Tubes—
Bethlehem Steel Co.....368 & 626
De Remer-Blatchford Co..... 318
Globe Steel Tubes Co..... 610
National Tube Co..... 20
Parkesburg Iron Co..... 460
Pittsburgh Steel Products Co..... 314
Standard Seamless Tube Co..... 546
Tyler Tube & Pipe Co..... 668

Superheaters for Stationary Power Plants—
Superheater Co.....Foot notes & 90

Superheaters (Locomotive)—
See Locomotive Superheaters.

Supertension Cables—
Okonite-Callender Cable Co.....

Surfacer (Coach and Locomotive)—
Acme White Lead & Color Works.. 588
Ball Chemical Co..... 490
Brooks & Co., Clarence..... 696
Glidden Co., The..... 352
Kay & Ess Co..... 548

Swing Unions—
Jefferson Union Co..... 664
Walworth Co.....Cover & 388

Switchboards—
Electric Service Supplies Co..... 76
Graybar Electric Co., Inc..... 268
Westinghouse Electric & Mfg. Co... 512

Switch Heaters—
Cameron-Sponse Mfg. Co..... 786
M. W. Supply Co..... 372
Q & C Co.....Cover & 402

Switch Plates (Double Shoulder Solid Bottom Riser)—
Morden Frog & Crossing Works.... 406
Ramapo Ajax Corporation..... 328

Switch Point (Hold Down)—
Cleveland Railway Supply Co..... 776

Switch Point Protector (Reversible)—
Fleming & Sons, Inc., J. R..... 486

Switch Point Straightener—
Maintenance Equipment Co..... 758

Switch Points (Manganese Reinforced)
Morden Frog & Crossing Works.... 406
Ramapo Ajax Corporation..... 328

Switch Rods—
Wharton, Jr., & Co., Wm..... 292

Switch Ropes—
Roebling's Sons Co., John A..... 642

Switch Target Paint—
See Paints (Car, Caboose, Locomotive, Truck, Switch, Target & Semaphores.)

Switch Targets (Enameled)—
Blackall, Robert H..... 138

Switches (Electric, Safety)
See Electric Safety Switches.

Switches (Headlights)—
Electric Service Supplies Co. 76
Pyle-National Co. 542

Switches, Switch Stands, Fixtures & Accessories—
American Frog & Switch Co. 102
American Valve & Meter Co. ..392 & 456
Bethlehem Steel Co. .....368 & 626
Buda Company 418
Cleveland Frog and Crossing Co. ... 448
Cleveland Railway Supply Co. 776
Frank, M. K. 780
Frog, Switch & Mfg. Co. 640
Hayes Track Appliance Co. 364
Indianapolis Switch & Frog Co. 308
Lorain Steel Co. 488
Louisville Frog & Switch Co. 108
Morden Frog & Crossing Works 406
Pettibone Mulliken Co. .....Cover
Ramapo Ajax Corporation 328
St. Louis Frog & Switch Co. 776
Weir Kilby Corp. 102
Wharton, Jr., & Co., Inc., Wm. 292

Systems (Oil Storage and Fuel Oil)—
See Oil Storage & Distributing Systems

Tackle Blocks—
Roebling's Sons Co., John A. 642

Tags (Brass and Fibre)—
American Ry. Supply Co. 150

Tail Gates (Folding)—
Adams & Westlake Co. 330
Morton Mfg. Co 302

Tampers (Pneumatic)—
Ingersoll-Rand Co. 56

Tamping Bars and Picks—
Hubbard & Co. 656
Iron City Tool Works 480
Verona Tool Works 628
Woodings Forge & Tool Co. 708

Tank Cars—
American Car & Fdry. Co 620
Bethlehem Steel Co. .....368 & 626
Buffalo Steel Car Co. 796
General American Car Co. 706
Inter-State Car & Foundry Co 358
Magor Car Corp. 354
Middletown Car Co 768
Pullman Car & Mfg. Corp. 684
Standard Tank Car Co. 376

Tank Fixtures—
American Valve & Meter Co. ...392 & 456
Fairbanks, Morse & Co. 260
Kalamazoo Ry. Supply Co. 444
Marion Malleable Iron Works 760
Positive Rail Anchor Co 504
Snow Construction Co., T. W. 678

Tank Rivets—
Bethlehem Steel Co. .....368 & 626

Tank Substructures—
Chicago Bridge & Iron Works 372
Fairbanks, Morse & Co. 260
Kalamazoo Ry. Supply Co. 444

Tanks (Car)—
General American Car Co 706

Tanks (Elevated, Steel)—
American Bridge Co. 66
Chicago Bridge & Iron Co. 372
Hendrick Mfg. Co. 332

Tanks for Railway Service (Steel)—
See Steel Tanks for Railway Service.

Tanks (Fuel Oil Storage)—
Bowser & Co., Inc., S. F. 454
Scaife & Sons Co., Wm. B. 668

Tanks (Galvanized)—
American Locomotive Co. 464
Bowser & Co., Inc., S. F. 454
Scaife & Sons Co., Wm. B. 668

Tanks (Miscellaneous, Steel)—
American Bridge Co. 66
American Locomotive Co. 464
Bowser & Co., Inc., S. F. 454
Chicago Bridge & Iron Works 372
Hendrick Mfg. Co. 332
Paige & Jones Chemical Co. 292
Scaife & Sons Co., Wm. B. 668

Tanks (Oil Storage)—
American Locomotive Co. 464
Chicago Bridge & Iron Works 372
Scaife & Sons Co., Wm. B. 668

Tanks (Pressure) for Gases & Liquids—
American Locomotive Co. 464
Scaife & Sons Co., Wm. B. 668

Tanks (Septic)—
Chicago Bridge & Iron Works 372

Tanks (Small Oil Storage Systems)—
Bowser & Co., Inc., S. F. 454
Scaife & Sons Co., Wm. B. 668

Where dependable service is vital

DEPENDABILITY is the big outstanding reason why so many railroads use Prest-O-Lite Battery equipment to operate their interlocking or way-side signaling devices.

Prest-O-Lite can be depended upon to give twenty-four hours of service every day—year in and year out.

This dependability is the combined result of over twenty years of manufacturing experience, and the use of the finest materials obtainable.

THE PREST-O-LITE CO., INC.

INDIANAPOLIS, IND.

For full particulars write to Railway Sales Division, Madison Avenue at West 117th Street, Cleveland, Ohio, or to 551 West Monroe Street, Chicago, Ill.

Prest-O-Lite

Tanks (Storage)—
American Bridge Co..... 66
Chicago Bridge & Iron Wks..... 372
Scaife & Sons Co., Wm. B..... 668

Tanks (Underground Storage)—
American Bridge Co..... 66
American Locomotive Co..... 464
Bowser & Co., Inc., S. F..... 454
Scaife & Sons Co., Wm. B..... 668

Tanks (Welded)—
American Locomotive Co..... 464
Paige & Jones Chemical Co..... 292
Scaife & Sons Co., Wm. B..... 668

Tape (Friction)—
Milar, Clinch & Co..... 646

Tape Measures—
Lufkin Rule Co..... 770
Wiebusch & Hilger..... 770

Taper Pins—
Pratt & Whitney Co..... 452

Taps—
Besly & Co., Chas. H..... 78
Brubaker & Bros. Co., W. L..... 580
Consolidated Mach. Tool Corp..... 124
Pratt & Whitney Co..... 452
Walworth Co.....Cover & 388

Tapper Taps—
Besly & Co., Chas. H..... 78

Tarpaulins—
Chicago Flag & Decorating Co..... 96

Tee Unions—
Jefferson Union Co..... 664
Walworth Co.....Cover & 388

Tees—
Carnegie Steel Co..... 280
Illinois Steel Co..... 378

Telegraph & Telephone Selectors—
Graybar Electric Co., Inc..... 268
Union Switch & Signal Co..... 590

Telegraph & Telephone Wire—
See Wire (All Kinds).

Telegraph Poles (Steel)—
National Tube Co..... 20

Telegraph Poles (Wood)—
Exchange Sawmill- Sales Co..... 366
Graybar Electric Co., Inc..... 268

Telegraph Pole Steps—
American Steel & Wire Co..... 264
Graybar Electric Co., Inc..... 268
Hubbard & Co..... 656

Telephone Booths (Cast Iron)—
Dickinson, Inc., Paul..... 428

Telephone Booths, Portable (Asbestos)—
Asbestos Shingle, Slate & Sheathing Co..... 544

Telephone Booths, Portable (Reinforced Concrete)—
Massey Concrete Products Corp.... 800

Telephone Extension Bells (Magneto)—
Graybar Electric Co., Inc..... 268

Telephone Train Dispatching—
Graybar Electric Co., Inc..... 268

Telltales (Tunnel Warnings)—
Hastings Signal & Equipment Co... 588

Tender Trucks—
See Trucks (Car & Engine).

Tents—
Chicago Flag & Decorating Co..... 96

Testing Laboratory—
Hunt Co., R. W..... 508
Laverie & Sons, Inc., R. H..... 632
Pittsburgh Testing Laboratory..... 272

Testing Machines—
Sellers & Co. (Inc.), Wm..... 508
Southwark Foundry & Machine Co. 272

Thawing Torches—
Cameron-Spouse Mfg. Co..... 786

Thermic Syphons—
Locomotive Firebox Co..... 344

Thermit—
Metal & Thermit Corp..... 78

Thermostats—
General Electric Co.....Cover
Railway Utility Co..... 622

Thread Cutting Tools—
Landis Machine Co., Inc..... 536

Throttle Valves—
American Locomotive Co..... 464
Bradford Corp..... 680

Ticket Cases—
American Ry. Supply Co..... 150

Ticket Punches—
American Railway Supply Co..... 150

Tie and Timber Preserver—
See Wood Preservative.

Tie Machinery (Adzing & Boring)—
Greenlee Bros. & Co..... 772

SPRAGUE
Auxiliary Train Control

Intermittent Magnetic Induction System

Intermediate and Universal Types with Variable Speed Control

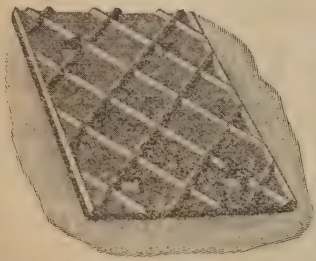
Will meet every exigency of Passenger and Freight Service

SPRAGUE
SAFETY CONTROL & SIGNAL CORPORATION

421 Canal Street
NEW YORK

Straus Building
CHICAGO

Sellers Anchor Bottom Wrought Iron Tie Plates



Have twice the life of steel

Never break

Are known on three hundred railroads as the MOST SERVICEABLE and MOST DURABLE Tie Plates made

SELLERS MANUFACTURING CO.
231 South La Salle Street - - - - CHICAGO, ILL.

Tie Plate Guard Rail Fasteners—
M. W. Supply Co. 372
Natl. Malleable & Steel Castings Co. 426
Track Specialties Co. 750

Tie Plates—
Bethlehem Steel Co. .....368 & 626
Carnegie Steel Co. 280
Chicago Malleable Castings Co. 128
Cleveland Railway Supply Co 776
Dilworth, Porter & Co., Inc. Cover & 500
Illinois Steel Co. 378
Inland Steel Co. 694
Lorain Steel Co. 488
Lundie Engineering Corporation ... 634
Marion Malleable Iron Works 760
Natl. Malleable & Steel Castings Co. 426
Positive Rail Anchor Co. 504
Q & C Co. .....Cover & 402
Railroad Supply Co. .....Cover & 24
Sellers Manufacturing Co. 170
Wheeling Steel Corp. 618

Tie Plugs—
Goldie, Jr. & Co., Wm. 790
Norton Mfg. Co. 784

Tie Spacer—
American Chain Co. 350
De Remer-Blatchford Co. 318
Maintenance Equipment Co. 758
Q & C Co. ....Cover & 402
Templeton, Kenly & Co. 496

Tie Tamper—
Ingersoll-Rand Co. 56

Ties (Wood)—
Exchange Sawmills Sales Co. 366
Prendergast Co. 798

Tile Cement—
Barber Asphalt Co 450

Timbers—
Prendergast Co. 798

Time Checks—
American Railway Supply Co 150

Time Element Relays—
Lundy Co., E. A. 482

Tinning Fluxes—
Reade Mfg. Co 520

Tinsmiths' Tools & Machines—
Peck, Stow & Wilcox Co 764

Tires (Steel)—
Edgewater Steel Co. 498
Midvale Co 460
Railway Steel-Spring Co. 382
Sherburne & Co. 362
Standard Steel Works Co. 390

Tool Checks—
American Railway Supply Co. 150

Tool Grinders—
Buda Company 418
Manning, Maxwell & Moore, Inc. ... 476
Richards-Wilcox Mfg. Co. 100

Tool Holder Bits—
Clark Equipment Co. 584
Midvale Co. 460

Tool Holders—
Armstrong Bros. Tool Co. 478
Clark Equipment Co. 584

Tool Steel—
American Steel & Wire Co. 264
Bethlehem Steel Co. ....368 & 626
Firth-Sterling Steel Co. 786
Ludlum Steel Co. 764
Midvale Co. 460
Ryerson & Son, Jos. T. 616

Tools (Pneumatic)—
See Pneumatic Tools.

Tools (Portable for Repair Shops)—
Cleveland Pneumatic Tool Co. 142
Graybar Electric Co., Inc. 268
Independent Pneumatic Tool Co. ... 140
Pedrick Tool & Machine Co. 630
Underwood Corp., H. B 302
Western Electric Co., Inc. 268

Torches (Heating)—
Cameron-Spouse Mfg. Co. 786
Mahr Mfg. Co. 766

Torches (Kerosene, Thawing)—
Cameron-Spouse Mfg. Co. 786

Torches (Oil Burning)—
Cameron-Spouse Mfg. Co. 786

Torches (Welding & Cutting)—
(*See Oxy-Acetylene Welding & Cutting Apparatus, Outfits & Supplies.*)

Torpedoes (Railroad)—
Sherburne & Co. 362

Track Barrows—
American Trackbarrow 392

LUKENS STEEL COMPANY

Coatesville, Pa.

WERE the first to make boiler plates in America.

ARE making the largest plates in the World in the new 204 inch rolling mill, rectangular plates 195", circles 199" diameter.

We can supply these in basic and acid open hearth steel; plates for bridges and tanks, while high grade boiler and fire-box quality for Locomotive purposes are our specialty.

BRANCH OFFICES.

PHILADELPHIA
Commercial Trust Bldg.

NEW YORK
Whitehall Bldg.

BOSTON
Board of Trade Bldg.

BALTIMORE
Continental Trust Bldg.

NEW ORLEANS
Miro & Japonica Sts.

CLEVELAND
J. F. Corlett & Co., Union Trust Bldg.

CHICAGO
A. M. Castle & Co., 1300-1600 North Branch St.

SAN FRANCISCO
A. M. Castle & Co., Monadnock Bldg.

CINCINNATI
J. F. Corlett & Co., 607 First National Bk. Bldg.

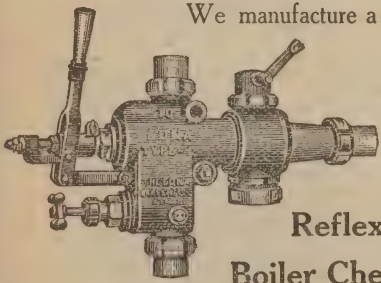
LOS ANGELES
A. M. Castle & Co., Citizens National Bk. Bldg.

SEATTLE, WASH.
A. M. Castle & Co. of Washington, 32 West Connecticut St.

Consolidated Steel Corporation—165 Broadway, N. Y. City, Sole exporters of our commercial products.

Locomotive Steam Specialties

We manufacture a complete line of



Locomotive Injectors, Lubricators, Reflex Water Gauges, Boiler Check Valves, Etc.

The Edna Brass Mfg. Co., Cincinnati, Ohio

Chicago Representatives: Dromgold & Glenn, 460 McCormick Bldg.

Track Bolts (Iron or Steel)—
Bethlehem Steel Co.....368 & 626
Carnegie Steel Co..... 280
Hubbard & Co..... 656
Illinois Steel Co..... 378
Inland Steel Co..... 694
Loram Steel Co..... 488
Sherburne & Co..... 362
Steel Car Forge Co..... 606

Track Chisels—
Hubbard & Co..... 656
Iron City Tool Works..... 480
Verona Tool Works..... 628
Woodings Forge & Tool Co..... 708

Track Circuit Bonds—
Verona Tool Works..... 628

Track Construction Lights—
Milburn Co., The Alexander..... 494

Track Drills—
Aldon Co., The..... 760
Buda Company..... 418
Chicago Pneumatic Tool Co..... 16
Chicago Ry. Signal & Supply Co..... 86
Cleveland Pneumatic Tool Co..... 142
Ingersoll-Rand Co..... 56
Kalamazoo Ry. Supply Co..... 444
Pettibone Mulliken Co.....Cover
Sherburne & Co..... 362
Verona Tool Works..... 628
Walworth Co.....Cover & 388

Track Gauges—
Aldon Co., The..... 760
Hubbard & Co..... 656
Kalamazoo Ry. Supply Co..... 444
Sherburne & Co..... 362
Track Specialties Co..... 750
Verona Tool Works..... 628

Track Instruments—
Lundy Co., E. A..... 482

Track Jacks—(*See Jacks.*)

Track-laying Cars—
Buda Company..... 418
Kalamazoo Ry. Supply Co..... 444
Sherburne & Co..... 362

Track Levels—
Aldon Co., The..... 760
Buda Company..... 418
Hubbard & Co..... 656
Kalamazoo Ry. Supply Co..... 444
Track Specialties Co..... 750
Verona Tool Works..... 628

Track Liners—
Buda Co..... 418
Hackmann Ry. Supply Co..... 552
Rail Joint Co..... 574

Track Mowers—
Rawls Machine & Mfg. Co..... 682

Track Sanders—
See Locomotive Sanders.

Track Scales—
American Bridge Co..... 66
Fairbanks, Morse & Co..... 260

Track Shims—
Goldie, Jr. & Co., Wm..... 790

Track Spikes—
American Steel & Wire Co..... 264
Bethlehem Steel Co.....368 & 626
Carnegie Steel Co..... 280
Dilworth, Porter & Co., Inc., Cover & 500
Frank, M. K..... 730
Illinois Steel Co..... 378
Inland Steel Co..... 694
Republic Iron & Steel Co..... 440
Sherburne & Co..... 362

Track Tools—
Hackmann Ry. Supply Co..... 552
Hubbard & Co..... 656
Iron City Tool Works..... 480
Kalamazoo Ry. Supply Co..... 444
Pettibone Mulliken Co.....Cover
St. Louis Frog & Switch Co..... 776
Sherburne & Co..... 362
Templeton, Kenly & Co..... 496
Verona Tool Works..... 628
Woodings Forge & Tool Co..... 708
Wyoming Shovel Works..... 156

Track Troughs—
Van Dorn Iron Works Co..... 338

Track Wrenches—
Verona Tool Works..... 628
Woodings Forge & Tool Co..... 708

Tractors, Freight House & Industrial (Electric)—
Baker-Raulang Co..... 304
Crescent Truck Co..... 436
Elwell-Parker Electric Co..... 320
Mercury Mfg. Co..... 80
Transportation Engineering Corp.. 548
Yale & Towne Mfg. Co..... 4

Traffic Treads (Rolled Steel)—
Wood Iron & Steel Co., Alan..... 672

Trailers, Freight House & Industrial—
Crescent Truck Co..... 436
Mercury Mfg. Co..... 80
St. Louis Truck & Mfg. Co..... 502
Transportation Engineering Corp. 548
U. S. Metallic Packing Co..... 312
Yale & Towne Mfg. Co..... 4

Train Control (Automatic)—
(*See Automatic Train Control*).

Train Lighting—
See Car Lighting (Electric.)

Train Order Blanks—
O'Malley Co., M. J..... 782
Rockwell-Barnes Co..... 436

Train Sheds—
American Bridge Co..... 66

Tramways (Overhead)—
Yale & Towne Mfg. Co..... 4

Transfer Cases—
Van Dorn Iron Works Co..... 338

Transfer Cranes—
Industrial Works..... 564
Richards-Wilcox Mfg. Co..... 100
Whiting Corporation..... 554

Transfer Tables—
American Bridge Co. 66
General Electric Co. ..... Cover
Industrial Works 564
McMyler Interstate Co. 578
Nichols & Bro., Geo. P. 754
Whiting Corporation 554

Transformers (Power and Lighting)—
Electric Service Supplies Co. 76
General Electric Co ..... Cover
Graybar Electric Co., Inc. 268
Lundy Co., E. A. 482

Trap Doors (Extension Platform)—
See Platform Trap Doors.

Traps (Blast, Drip, Float & Thermostatic, Medium Pressure, Packless Radiator, Return)—
Dunham Co., C. A. 410

Traveling Cranes—
American Hoist & Derrick Co. 466
Cleveland Crane & Engineering Co. 300
Consolidated Mach. Tool Corp. 124
Detroit Hoist & Machine Co. 290
Manning, Maxwell & Moore, Inc. 476
McMyler Interstate Co. 578
Niles-Bement-Pond Co. 560
Sellers & Co., Inc., Wm. 508
Whiting Corporation 554
Yale & Towne Mfg. Co. 4

Trestles—
American Bridge Co. 66

Trimming Presses—
Pratt & Whitney Co. 452

Trolley Poles (Steel)—
National Tube Co. 20

Trolleys—
Yale & Towne Mfg. Co. 4

Trolleys (I Beam)—
Yale & Towne Mfg. Co. 4

Truck Frames—
American Steel Foundries 398
Bettendorf Co. ..... Cover
Frost Railway Supply Co. 74
Natl. Malleable & Steel Castings Co. 426
Woodman Ry. Supply Co 134

Truck Riveters (Pneumatic)—
Chicago Pneumatic Tool Co 16

Trucks (Car and Engine)—
American Car & Foundry Co. 620
American Locomotive Co. 464
American Steel Foundries 398
Bethlehem Steel Co. ..... 368 & 626
Bettendorf Co. ..... Cover
Commonwealth Steel Co. 162
Franklin Ry. Supply Co. 76
Frost Ry. Supply Co 74
Inter-State Car & Foundry Co. 358
Pressed Steel Car Co. 660
Pullman Car & Mfg. Corp. 684
Scullin Steel Co. 108
Standard Car Truck Co. 554
Standard Steel Car Co. 606

Truck (Elevating)—
Yale & Towne Mfg. Co. 4

Trucks (Freight, Warehouse & Shop)—
Baker-Raulang Co. 304
Crescent Truck Co. 436
Electric Storage Battery Co. 526
Elwell-Parker Electric Co. 320
Fairbanks, Morse & Co. 260
Kalamazoo Ry. Supply Co. 444
Mercury Mfg. Co. 80
St. Louis Truck & Mfg. Co. 502
Sherburne & Co 362
Transportation Engineering Corp. 548
Whiting Corporation 554
Yale & Towne Mfg. Co. 4

Trucks (Lift)—
Yale & Towne Mfg. Co. 4

Trucks (Storage Battery)—
Baker-Raulang Co. 304
Crescent Truck Co 436
Electric Storage Battery Co. 526
Elwell-Parker Electric Co. 320
General Electric Co. ..... Cover
Mercury Mfg. Co 80
Transportation Engineering Corp. 548
Yale & Towne Mfg. Co. 4

Tube Cleaners—
Ryerson & Son, Jos. T. 616
Underwood Corp., H. B. 302

Tube Cutters and Tube Expanders—
Faessler Mfg. Co., J. 524
Henderer's Sons, A. L. 768
Independent Pneumatic Tool Co. 140
Ryerson & Son, Jos. T. 616

Tubes—*See Boiler Tubes.*

Tubes (Seamless Brass & Copper)—
Standard Underground Cable Co .. 434

Tubing (Seamless Steel)—
Detroit Seamless Steel Tubes Co. 754
Globe Steel Tubes Co. 610
National Tube Co 20
Pittsburgh Steel Products Co. 314
Ryerson & Son, Jos. T. 616
Standard Seamless Tube Co. 546

Tubing Welded—
Morton Mfg Co. 302

Turbo Generating Sets—
Pyle-National Co. 542
Sunbeam Electric Mfg. Co. 104

Turbo-Generators—
Electric Service Supplies Co. 76
General Electric Co ..... Cover
Sunbeam Electric Mfg. Co. 104

Turn Buckles—
American Bridge Co. 66
Bethlehem Steel Co. ..... 368 & 626
DeRemer-Blatchford Co. 318
Marion Malleable Iron Works 760
Republic Iron & Steel Co. 440
Roebling's Sons Co., John A. 642
Ryerson & Son Jos. T. 616

Turntable Motors—
Detroit Hoist & Machine Co..... 290
Draper Mfg. Co..... 430
Independent Pneumatic Tool Co... 140
Young Mfg. Co., R. W..... 794

Turntable Tractors (Electric)—
Detroit Hoist & Machine Co..... 290
Nichols & Bro., Geo. P..... 754
Whiting Corporation..... 554
Young Mfg. Co., R. W..... 794

Turntables—
American Bridge Co..... 66
General Electric Co.....Cover
McMyler Interstate Co..... 578
Sellers & Co., Inc., Wm..... 508
Westinghouse Electric & Mfg. Co... 512

Turret Machines—
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc.... 476
Vandyck Churchill Co..... 154

Twist Drills—
Clark Equipment Co..... 584
Pratt & Whitney Co..... 452

Typewriters and Supplies—
Remington Typewriter Co..... 686
Underwood Typewriter Co..... 468

Uncoupling Devices—
National Ry. Devices Co..... 752

Underframe Protective Coating (Cement)—
Lucas Co., Robert M..... 53

Underframes (Steel)—
American Car & Foundry Co..... 620
Bethlehem Steel Co.....368 & 626
Bettendorf Co.....Cover
Buffalo Steel Car Co..... 796
General American Car Co..... 706
Illinois Car & Mfg. Co..... 96
Inter-State Car & Foundry Co..... 358
Mt. Vernon Car Mfg. Co..... 798
Newport News Shipbuilding & Dry Dock Co..... 710
Pressed Steel Car Co..... 660
Pullman Car & Mfg. Corp..... 684
Ralston Steel Car Co..... 502
Richmond Car Works..... 96
Standard Steel Car Co..... 606
Steel Car Co..... 96
Symington Co., The..... 474

Uniforms—
American Ry. Supply Co..... 150

Union Bonnet Valves—
Reading Steel Casting Co., Inc..... 586

Unions—
Dart Mfg. Co., E. M..... 41
Jefferson Union Co..... 66
Walworth Co.....Cover & 38[illegible]

Universal Ratchets—
Armstrong Bros. Tool Co..... 476

Upholstering Materials—
Chase & Co., L. C..... 7[illegible]
Mass. Monair Plush Co..... 36[illegible]
Stengel & Rothschild, Inc..... 13[illegible]
Wood Co., Guilford S..... 51[illegible]

Upsetting Machines—
Williams, White & Co..... 144

Urn Bags—
Chicago Flag & Decorating Co..... 96

Vacuum Cleaners (Portable and Stationary)—
Graybar Electric Co., Inc..... 26[illegible]

Vacuum Heating Systems—
Miller Heating Co., F. W..... 78[illegible]

Vacuum Paint & Varnish Removing—
Wilson-Imperial Co.....756 & 77[illegible]

Vacuum Pump Governor—
Dunham Co., C. A..... 410

Vacuum Pumps—
Chicago Pneumatic Tool Co..... 1[illegible]
Sullivan Machinery Co..... 58[illegible]
Worthington Pump & Machy. Corp. 56[illegible]

Vacuum Valves
Hammett H. G..... 49[illegible]

Valve Gear (Locomotive)—
American Locomotive Co..... 46[illegible]
Pilliod Co..... 42
Pyle-National Co..... 54[illegible]

Valve Handles—
Asbestos Shingle, Slate & Sheathing Co..... 544

Valve Oils—*See Oils (Cylinder, Lubricating, Valve & Signal).*

Valve Seat Milling Machines—
Underwood Corp., H. B..... 30[illegible]

Valve Seat Planing Machines—
Niles-Bement Pond Co..... 56[illegible]
Pedrick Tool & Machine Co..... 63[illegible]
Underwood Corp., H. B..... 30[illegible]

Valve Setting Machines & Attachments—
Sherbourne & Co..... 36[illegible]

Valve Stem Packing—
Anchor Packing Co..... 49[illegible]
Garlock Packing Co..... 370
Jenkins Bros..... 70[illegible]
Johns-Manville, Inc..... 31[illegible]
New York Belting & Packing Co... 31[illegible]
Quaker City Rubber Co..... 40[illegible]
Woven Steel Hose & Rubber Co.... 35[illegible]

Valves—
American Locomotive Co..... 464
Ashton Valve Co..... 782
Cleveland Pneumatic Tool Co..... 142
Cleveland Railway Supply Co..... 776
Consolidated Car Heating Co..... 762
Crosby Steam Gage and Valve Co.. 608
Detroit Lubricator Co..... 774
Dunham Co., C. A..... 410
Jenkins Bros. 700
Kalamazoo Ry. Supply Co..... 444
Manning, Maxwell & Moore, Inc.... 476
Mason Regulator Co..... 766
Nathan Mfg. Co..... 514
Reading Steel Casting Co..... 586
Sargent Co..... 768
Star Brass Mfg. Co..... 780
Viloco Ry. Equipment Co..... 790
Walworth Co.....Cover & 388
Young Mfg. Co., Chas. C..... 516

Valves & Fittings (Acid-Resisting)—
Barber Asphalt Co..... 450

Valves & Fittings (Cast Steel)—
Reading Steel Casting Co..... 586
Walworth Co..... .Cover & 388

Valves (Balance Main)—
See Balanced Main & Slide Valves.

Valves (Blow Off)—(*See Blow-off Valves.*)

Valves (Deep Well Foot)—
Cook, Inc., A. D..... 86

Valves (High Pressure Hydraulic)—
Birdsboro Steel Fdy. & Mach. Co.... 430

Valves (Pressure-Seated, Pneumatic)—
Cleveland Pneumatic Tool Co..... 142

Valves (Reducing & Regulating)—
Consolidated Car Heating Co..... 762
Dunham Co., C. A..... 410
Mason Regulator Co..... 766

Valves (Rubber Pump)—
New York Belting & Packing Co.... 310
Quaker City Rubber Co..... 404
Woven Steel Hose & Rubber Co.... 356

Vanadium Steel—
Vanadium Corp. of America..... 390

Vanadium Steel Castings—
American Locomotive Co..... 464
Union Steel Castings Co..... 760
Vanadium Corp. of America..... 390

Vanadium Steel Forgings—
Vanadium Corp. of America..... 390

Vapor Proof Lighting Units—
Benjamin Electric Mfg. Co..... 550

Varnish (Insulating)—
Arco Company..... 486
Glidden Co., The..... 352
Lehon Co..... 150
Ruberoid Co..... 152
Sherwin-Williams Co..... 786
Suydam Co., M. B..... 760

Varnish Brushes—
See Brush Manufacturers.

Varnish Manufacturers—
Acme White Lead & Color Works.. 588
Anglo-American Varnish Co..... 332
Arco Company..... 486
Berry Bros..... 374
Brooks & Co., Clarence..... 696
Devoe & Raynolds Co., Inc..... 434
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Milar, Clinch & Co..... 646
National Railway Appliance Co.... 14
Patterson-Sargent Co., The..... 472
Pittsburgh Plate Glass Co..... 792
Sherwin-Williams Co., The..... 786
Suydam Co., M. B..... 760

Varnish Preservative and Renovator—
Aquart Mfg. Co..... 764
Brooks & Co., Clarence..... 696
Cleanola Co..... 490
Glidden Co., The..... 352
Suydam Co., M. B..... 760
Texas Co., The..... 614
Wilson-Imperial Co.....756 & 772

Varnish Removers—
See Paint and Varnish Removers.

Varnish Stain—
Arco Company..... 486
Devoe & Raynolds Co., Inc..... 434
Du Pont de Nemours & Co., E. I.... 354
Glidden Co., The..... 352
Kay & Ess Co..... 548
Patterson-Sargent Co., The..... 472
Pittsburgh Plate Glass Co..... 792
Sherwin-Williams Co..... 786
Suydam Co., M. B..... 760

Velocipede Car Manufacturers—
Fairbanks, Morse & Co..... 260
Kalamazoo Ry. Supply Co..... 444
Sherburne & Co.... 362

Ventilating Devices (Sash Operating)—
Lupton's Sons Co., David..... 132

Ventilators—
Consolidated Car Heating Co..... 762
Dickinson, Inc., Paul..... 428
Globe Ventilator Co..... 72
Gold Car Heating and Lighting Co. 420
Mudge & Co..... 516
Narional Ry. Appliance Co..... 14
Railway Utility Co..... 622
Robertson Co., H. H..... 690
Tuco Products Corporation..... 600
Vapor Car Heating Co..... 294

Ventilators (Freight Car)—
Wine Ry. Appliance Co., The..... 336

Vertical & Horizontal Reaming Machines—
American Car & Foundry Co..... 620

Vertical File Folders—
Rockwell-Barnes Co. 436

Vestibule Curtain Catches—
Curtain Supply Co. 84
Morton Mfg. Co. 302
Tuco Products Corporation 600

Vestibule Curtain Release Handles—
Curtain Supply Co. 84
Morton Mfg. Co. 302

Vestibule Curtains—
Curtain Supply Co. 84
Morton Mfg. Co. 302

Vestibule Diaphragms—
Curtain Supply Co. 84
Johns-Manville, Inc. 316
Morton Mfg. Co. 302
Wood Co., Guilford S. 510

Vestibule Rollers—
Curtain Supply Co. 84

Vestibule Trap Door—
Edwards Co., The O. M. 576
Tuco Products Corporation 600

Viaducts—
American Bridge Co. 66

Vises—
Henderer's Sons, A. L. 768
Walworth Co. ..... Cover & 388

Vulcanized Fibre—
Diamond State Fibre Co. 298
National Vulcanized Fibre Co. 404
Spaulding Fibre Co. 704
Whall Co., C. H. 310

Wagon & Truck Loaders—
Gifford-Wood Co. 526

Wagon or Coal Scales—
Fairbanks, Morse & Co. 260

Wall Plugs—
Van Dorn Iron Works Co. 338

Wardrobes (Office)—
Wilson Corp., J. G. 88

Warning Devices (Bridge & Tunnel)—
Hastings Signal & Equipment Co. 588

Warning Signs—*See Signs (Warning).*

Washers (Metal)—
American Nut & Bolt Fastener Co. 130
Bethlehem Steel Co. ..... 368 & 626
Hubbard & Co. 656
Marion Malleable Iron Works 760
National Lock Washer Co. 446
Natl. Malleable & Steel Castings Co. 426
Reliance Mfg. Co. 294

Washers (Rubber)—
New York Belting & Packing Co. 310
Quaker City Rubber Co. 404
Woven Steel Hose & Rubber Co. 356

Washfountains—
Bradley Washfountain Co. 686

Washout Plugs—
Bird-Archer Co. 112
DeRemer-Blatchford Co. 318
Huron Manufacturing Co. 384
Prime Manufacturing Co. 346

Washout Systems (Hot Water)—
National Boiler Washing Co. of Ill. 584

Washroom Fixtures—
Bradley Washfountain Co. 686

Wash Stands—
Adams & Westlake Co. 330
Dayton Mfg. Co. 602

Waste—
Hagy Waste Works, J. Milton 766
Milar, Clinch & Co. 646
National Railway Appliance Co. 14
Sherburne & Co. 362

Waste & Oil Reclaiming Machines—
Oil & Waste Saving Machine Co. 406

Waste Cans—
Gray & Sons, Peter 786

Waste Reclaiming Contractors—
Transportation Devices Corp. 326

Waste Reclamation Plants—
Oil & Waste Saving Machine Co. 406
Transportation Devices Corp. 326

Waste (Wool)—*See Waste.*

Water Columns—
American Valve & Meter Co. ..... 392 & 456
Edna Brass Mfg. Co. 172
Fairbanks, Morse & Co. 260
Jerguson Gage & Valve Co. 538
Kalamazoo Ry. Supply Co. 444
Nathan Mfg. Co. 514
Snow Construction Co., T. W. 678

Water Coolers—
Adams & Westlake Co. 330
Giessel Co., Henry 814

Water Filters—*See Filters (Water).*

Water Gauges—
Edna Brass Mfg. Co. 172
Frederick Iron & Steel Co. 800
Jenkins Bros. 700
Jerguson Gage & Valve Co. 538
Sargent Co. 768
Walworth Co. ..... Cover & 388

Water Glass Protector—
Okadee Co. 790
Sargent Co. 768

Water Hydrants—*See Hydrants (Cinder Pit, Fire, Water, Yard),*

The 2 Big

Dearborn Scientific Water Treatment

Raising the standard of locomotive efficiency by scientific correction of scaling, foaming, pitting and corrosive tendencies in feed waters: This has been our work for 38 years. And in evidence of our accomplishment, we point to the fact that DEARBORN Treatment is in daily use on a large majority of the world's well operated roads.

Dearborn NO-OX-ID

Overcoming rust, pitting and corrosion of iron and steel through an economical medium, easily applied and of lasting effectiveness, measured in years of protection: This is the purpose of NO-OX-ID. And in evidence of its value we point to its present use by over 75 roads, under tender tanks, on rail joints, on metal equipment stored under cover or in the open, in lapped seams, and in hundreds of equally difficult conditions.

Dearborn Service accompanies Dearborn products. We consider it a privilege to submit an actual demonstration to an interested prospect.

Dearborn Chemical Company

310 South Michigan Ave., Chicago — **299 Broadway, New York**

Water Meters—
American Valve & Meter Co....392 & 456
Worthington Pump & Machy. Corp. 562

Water Packing—
Anchor Packing Co..... 490
Garlock Packing Co. 370
New York Belting & Packing Co.... 310
Quaker City Rubber Co..... 404
Watson-Stillman Co..... 664
Woven Steel Hose & Rubber Co.... 356

Water Proof Sheathing—
Barber Asphalt Co..... 450
Barrett Co..... 360
Flaxlinum Insulating Co..... 110
Lehon Co.... 150
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152

Water Proofed Papers—
Barber Asphalt Co..... 450
Barrett Co..... 360
Nelson Mfg. Co., B. F 152

Water Proofing—
Barber Asphalt Co..... 450
Barrett Co..... 360
Cabot, Inc., Samuel..... 112
Flaxlinum Insulating Co..... 110
Johns-Manville, Inc..... 316
Lehon Co., The..... 150
Minwax Co., Inc..... 106
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152

Water Proofing (Asphalt)—
Barber Asphalt Co..... 450
Flaxlinum Insulating Co..... 110
Lehon Co., The..... 150
Minwax Co., Inc..... 106
Nelson Mfg. Co., B. F 152
Ruberoid Co..... 152
Union Asbestos & Rubber Co..... 692

Water Proofing Cotton Fabric (Asphalt)—
Barber Asphalt Co..... 450
Minwax Co..... 106
Nelson Mfg. Co., B. F..... 152

Water Proofing Felts—
Barber Asphalt Co..... 450
Barrett Co..... 360

Water Proofing (Membrane)—
Barber Asphalt Co..... 450
Lehon Co..... 150
Minwax Co..... 106
Nelson Mfg. Co., B. F..... 152
Ruberoid Co..... 152

Water Purifiers—
American Water Softener Co..... 774
Bird-Archer Co., The..... 112
Dearborn Chemical Co 178
Garratt-Callahan Co..... 462
Paige & Jones Chemical Co..... 292
Scaife & Sons Co., Wm. B..... 668

Water Rectification Apparatus—
American Water Softener Co..... 774
Paige & Jones Chemical Co..... 292
Scaife & Sons Co., Wm. B..... 668

Water Softeners—
American Water Softener Co..... 774
Bird-Archer Co., The..... 112
Dearborn Chemical Co..... 178
Paige & Jones Chemical Co..... 292
Scaife & Sons Co., Wm. B..... 668

Water Softening Plants—
American Water Softener Co..... 774
Paige & Jones Chemical Co..... 292
Scaife & Sons Co., Wm. B..... 668
Snow Construction Co., T. W..... 678

Water Stills—
American Water Softener Co..... 774
Transportation Engineering Corp.. 548

Water Supplies—
American Well Wks., The..... 412
Cook, Inc., A. D..... 86

Water Tanks—
American Bridge Co..... 66
American Locomotive Co..... 464
Chicago Bridge & Iron Works..... 372
Paige & Jones Chemical Co..... 292
Scaife & Sons Co., Wm. B..... 668
Snow Construction Co., T. W..... 678

Water Treatment—
American Water Softener Co..... 774
Bird-Archer Co., The..... 112
Dearborn Chemical Co..... 178
Paige & Jones Chemical Co..... 292
Scaife & Sons Co., Wm. B..... 668

Watertight Lighting Equipment—
Adams & Westlake Co 330
Benjamin Electric Mfg. Co. 550

Weatherproof Lighting Equipment—
Benjamin Electric Mfg. Co..... 550

Weather Strips—
Adams & Westlake Co..... 330
Curtain Supply Co..... 84
Edwards Co., The O. M..... 576
Frost Ry. Supply Co..... 74
Morton Mfg. Co..... 302

Weed Burners (Railroad)—
Fairmont Railway Motors, Inc..... 674
Woolery Machine Co..... 128

Weed Killing Chemical—
Chipman Chemical Engineering Co. 284
Reade Mfg. Co..... 520

Welding Apparatus & Supplies—
Air Reduction Sales Co..... 22
Alumino-Thermic Corp..... 110
Carbo-Oxygen Co..... 18
General Electric Co.....Cover
K-G Welding & Cutting Co..... 124
Metal & Thermit Corp 78
Milburn Co., The Alexander..... 494
National Railway Appliance Co.... 14
Oxweld Railroad Service Co..... 484
Page Steel & Wire Co..... 266
Safety Car Heating & Lighting Co.
Foot notes & 342
Thomson Electric Welding Co..... 632
Torchweld Equipment Co..... 468
Transportation Engineering Corp.. 548
U. S. Light & Heat Corp..... 312
Westinghouse Electric & Mfg. Co.. 512

Welding Carbons—
National Carbon Co., Inc..... 274
Torchweld Equipment Co..... 468

Welding Compound—
Carbo-Oxygen Co..... 18
K-G Welding & Cutting Co..... 124
Metal & Thermit Corp..... 78
Torchweld Equipment Co..... 468

Welding Rods—
Copperweld Steel Co..... 322
Page Steel & Wire Co..... 266
Torchweld Equipment Co..... 468
Transportation Engineering Corp.. 548

Welding Wire—
American Cable Co..... 648
American Steel & Wire Co..... 264
Page Steel & Wire Co..... 266
Roebling's Sons Co., John A..... 642
Torchweld Equipment Co..... 468
Transportation Engineering Corp.. 548

Well Drilling Machinery—
American Well Works, The..... 412

Wheelbarrows—
Kalamazoo Ry. Supply Co..... 444
Sherburne & Co..... 362

Wheel Boring Tools—
Davis Boring Tool Co., Inc..... 534
Liberty Machine Works..... 296

Wheel Centers—
Duquesne Steel Foundry Co..... 118

Wheel Presses (Hydraulic)—
Chambersburg Engineering Co..... 162
Consolidated Mach. Tool Corp..... 124
Manning, Maxwell & Moore, Inc.... 476
Niles-Bement-Pond Co..... 560
Southwark Foundry & Machine Co. 272
Watson-Stillman Co..... 664
Wood & Co., R. D 120

Wheel Tanks for Oil & Gasoline—
Bowser & Co., S. F..... 454

Wheel Truing Brake Shoes—
Wheel Truing Brake Shoe Co..... 782

Wheel Turning Lathes—
Consolidated Mach. Tool Corp..... 124

Wheels (Car and Locomotive)—
American Car & Foundry Co..... 620
American Steel Foundries..... 398
Bethlehem Steel Co.....368 & 626
Bradley Car Co., Osgood..... 414
Carnegie Steel Co..... 280
Edgewater Steel Co..... 498
Forged Steel Wheel Co..... 458
Illinois Steel Co..... 378
Mt. Vernon Car Mfg. Co..... 798
Pullman Car & Mfg. Corp..... 684
Sherburne & Co..... 362
Southern Wheel Co..... 650
Standard Steel Works Co..... 380

Wheels (Hand Brake)—
Marion Malleable Iron Works..... 760
Natl. Malleable & Steel Castings Co. 426

Whistles (Bell-Chime)—
Nathan Mfg. Co..... 514
Star Brass Mfg. Co..... 780

White Lead—
National Lead Co..... 306

Wigwag Signals—
Chicago Ry. Signal & Supply Co.... 86
Du-Wel Steel Products Co 750
Lundy Co., E. A..... 482
Railroad Supply Co.....Cover & 24

Window Chains—
American Chain Co..... 350

Window Fixtures (Car)—
See Car Window Fixtures.

Window Operating & Locking Devices—
Lupton's Sons Co., David..... 132

Windows (Clear Vision Cab)—
Huron Manufacturing Co..... 384
Prime Manufacturing Co..... 346

Wire (All Kinds)—
Amer. Insulated Wire & Cable Co.. 638
American Steel & Wire Co..... 264
Bethlehem Steel Co.....368 & 626
Copperweld Steel Co..... 322
Graybar Electric Co., Inc 268
Kerite Insulated Wire & Cable Co.. 956
Okonite Co..... 1
Page Steel & Wire Co..... 266
Pittsburgh Steel Co..... 652
Roebling's Sons Co., John A..... 642
Standard Underground Cable Co.. 434

Wire (Flat Cold Rolled)—
American Steel & Wire Co..... 264

Wire (Insulated Copper)—
Amer. Insulated Wire & Cable Co.. 638
American Steel & Wire Co..... 264
Copperweld Steel Co..... 322
General Electric Co.....Cover
Graybar Electric Co., Inc..... 268
Kerite Insulated Wire & Cable Co. 956
Page Steel & Wire Co..... 266
Roebling's Sons Co., John A..... 642
Standard Underground Cable Co.. 434

Wire (Rubber Insulated)—
See Insulated Wire & Cables.

Wire Brushes—
Lang Broom Co 160
Wolfe Brush Co..... 160

Wire Fencing—*See Fencing Wire.*

Wire (Insulated)—
See Insulated Wire and Cables.

Wire-link Fabric—
Page Steel & Wire Co..... 266

Wire Nails, Springs and Staples—
American Steel & Wire Co..... 264
Bethlehem Steel Co.....368 & 626
Copperweld Steel Co..... 322
Pittsburgh Steel Co..... 652

Wire Rods—
American Steel & Wire Co..... 264
Bethlehem Steel Co.....368 & 626

Wire Rope (Copper Clad)—
Copperweld Steel Co..... 322

Wire Rope (Galvanized)—
American Cable Co..... 648
American Hoist & Derrick Co..... 466
Amer. Insulated Wire & Cable Co.. 638
American Steel & Wire Co..... 264
Roebling's Sons Co., John A 642
Sherburne & Co. 362
Williamsport Wire Rope Co..... 12

Wire Rope (Iron & Steel)—
American Cable Co..... 648
Amer. Insulated Wire & Cable Co.. 638
American Steel & Wire Co..... 264
Roebling's Sons Co., John A..... 642
Williamsport Wire Rope Co..... 12

Wire Rope Clips—
American Hoist & Derrick Co..... 466
American Steel & Wire Co..... 264
Marion Malleable Iron Works..... 760
Positive Rail Anchor Co..... 504
Roebling's Sons Co., John A..... 642
Williamsport Wire Rope Co..... 12

Wire Rope Fittings—
American Cable Co..... 648
Roebling's Sons Co., John A..... 642

Wire Rope Slings—
Roebling's Sons Co., John A..... 642

Wire Rope Sockets—
American Steel & Wire Co..... 264
Roebling's Sons Co., John A..... 642
Williamsport Wire Rope Co..... 12

Wiring Devices—
Bryant Electric Co..... 282

Wood Boring Machines (Pneumatic)—
Chicago Pneumatic Tool Co..... 16
Cleveland Pneumatic Tool Co... ... 142
Independent Pneumatic Tool Co... . 140
Ingersoll-Rand Co..... 56

Wood Fillers—
Acme White Lead & Color Works.. 588
Arco Company..... 486
Detroit Graphite Co 538
Glidden Co., The..... 352
Sherwin-Williams Co..... 786

Wood Preservative—
Arco Company..... 486
Barrett Co..... 360
Cabot, Inc., Samuel..... 112
Chipman Chemical Engineering Co. 284

Wood Preserving Paint—
See Paints (Wood Preserving).

Wood Screws—
Eagle Lock Co..... 544

Wood Stains—
Arco Company..... 486
Berry Bros..... 374
Cabot, Inc., Samuel..... 112
Glidden Co., The..... 352
Minwax Co., Inc..... 106

Wood Working Machinery—
Greenlee Bros. & Co..... 772
Keller, William H., Inc..... 456
Manning, Maxwell & Moore, Inc.... 476

Woven Car Seat Rattan—
Heywood-Wakefield Co..... 504

Woven Wire Fence—
American Steel & Wire Co..... 264
Bethlehem Steel Co.....368 & 626
Pittsburgh Steel Co..... 652
Stewart Iron Works..... 598

Wrecking Cars—
Industrial Works..... 564

Wrecking Cranes—
American Hoist & Derrick Co..... 466
Brown Hoisting Machinery Co..... 448
Browning-Crane Co..... 756
Industrial Works..... 564
Manning, Maxwell & Moore, Inc.... 476
McMyler Interstate Co..... 578
Orton Crane & Shovel Co,..... 120

Wrecking Frogs—
Aldon Co., The..... 760
Alexander Car Replacer Mfg. Co... 122
Du-Wel Steel Products Co..... 750
Johnson Wrecking Frog Co..... 580
Kalamazoo Ry. Supply Co..... 444
Morden Frog & Crossing Works... 406
Q & C Co.....Cover & 402
Ramapo Ajax Corporation..... 328
St. Louis Frog & Switch Co..... 776
Sherburne & Co..... 362

Wrecking Lights—
Adams & Westlake Co..... 330
Milburn Co., The Alexander..... 494

Wrenches—
Armstrong Bros. Tool Co..... 478
Blackall, Robert H..... 138
Chicago Ry. Signal & Supply Co.... 86
Hubbard & Co..... 656
Peck, Stow & Wilcox Co..... 764
Roebling's Sons Co., John A..... 642
Walworth Co.....Cover & 388
Woodings Forge & Tool Co..... 708

Yard Hydrants—*See Hydrants.*
(Cinder, Pit, Fire, Water & Yard.)

Yard Lighting Equipment—
Benjamin Electric Mfg. Co..... 550

Yellow Pine—
Exchange Sawmills Sales Co..... 366

Yoke Rivets—
National Forge Co..... 116

Yokes—
KeYoke Railway Equipment Co.... 446
Natl. Malleable & Steel Castings Co. 426
Standard Forgings Co..... 688
Universal Draft Gear Attach. Co... 88

"Z" Bars—
Carnegie Steel Co..... 280
Illinois Steel Co..... 378

"Z" Irons—
American Nut & Bolt Fastener Co. 130
National Forge Co..... 116

Zincs—*See Battery Supplies.*
(Zincs, Copper Jars & Vitriol.)

Men LIKE to Apply BOSS Lock Nuts

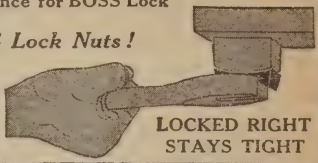
Why? Because there are no complications involved in applying BOSS Lock Nuts.

Being identical on both sides, the Boss Lock Nut cannot be applied "wrong-side-to" as both sides are "right." Being tapped with a natural thread, it can be easily run up to the common nut with the fingers; a short turn with a wrench clinches its hold on both common nut and bolt. Neither vibration nor shock will loosen it.

Ease of application and tremendous holding power have caused both Piece Workers and Piecework Inspectors to show a decided preference for BOSS Lock Nuts. When specifying lock nuts,

"Write it Right"—BOSS Lock Nuts!

BOSS BOLT & NUT WORKS
DIVISION OF
THE HOOPES AND TOWNSEND CORP.
3403 WEST 47TH ST.
CHICAGO, U. S. A.



LOCKED RIGHT
STAYS TIGHT

WALKER FRICTION DRAFT GEAR

Types K-20-A and W-3

Solid Column of Steel With All Working Parts Enclosed

WALKER DRAFT GEAR CORP.
E. H. WALKER, President
233 BROADWAY, NEW YORK

REPRESENTATIVES OF RAILROAD SUPPLY COMPANIES

WHICH ADVERTISE IN THE POCKET LIST OF RAILROAD OFFICIALS.

¶ These names are arranged in alphabetical order.

¶ Firm names or agencies are not eligible.

ACME MACHINERY CO.,
4533 St. Clair Ave., N.E., Cleveland, O
H. N. Anderson..... "
D. R. Davies..... "
C. E. Smith..... "

ACME WHITE LEAD & COLOR WORKS.
Detroit, Mich.
Chicago, Ill.—80 E. Jackson Blvd.
K. J. Bowers.....Detroit, Mich
C. F. Elliott.....Chicago, Ill
R. C. Grinnell.....Detroit, Mich
F. W. Matheson..... "

ADAMS & WESTLAKE CO.,
319 W. Ontario St., Chicago, Ill
New York, N. Y.—50 Church St.
A. S. Anderson, Gen. Sales Mgr.....Chicago, Ill
E. Andrews..... "
W. H. Baldwin, V.-Pres.... "
A. B. Crampton .....New York, N. Y
F. W. Foehringer.....Chicago, Ill
Wm. S. Hamm, Sec..... "
R. D. John..... "
E. L. Langworthy, East. Mgr.....New York, N. Y
E. H. Leisch..... "
W. J. Piersen, West. Sales Mgr.....Chicago, Ill
Wm. G. Porter..... "
Howard Seip.....New York, N. Y
E. H. Stearns, Mgr..... "
H. G. Turney, So. Sales Mgr. Chicago, Ill
G. L. Walters, Treas..... "
J. McGregor Willits..... "

AIR REDUCTION SALES CO.,
342 Madison Ave., New York, N. Y
Birmingham, Ala.—2825 No. 29th Ave.
Boston, Mass.—122 Mt. Vernon St.
Buffalo, N. Y.—730 Grant St.
Chicago, Ill.—2236 So. Lumber St.
Cleveland, O.—1210 W 69th St.
Detroit, Mich.—7991 Hartwick St.
Emeryville, Cal.—Park Ave. & Halleck
Los Angeles, Cal.—2357 E. Slauson Ave.
Milwaukee, Wis.—1296 Forest Home Ave.
Minneapolis, Minn.—32 25th Ave., S.E.
Philadelphia, Pa. — Germantown & Allegheny Aves.
Pittsburgh, Pa.—1116 Ridge Ave.
St. Louis, Mo.—115 Plum St.
Seattle, Wash.—3623 E. Marginal Way
C. H. Adams.....Richmond, Va
T. G. Anderson, Br. Mgr. Seattle, Wash
W. W. Barnes, Dist. Mgr. Philadelphia, Pa
M. A. Barrett.....Cleveland, O
A. B. Brown.....St. Louis, Mo
G. M. Calmback..... "
A. L. Clothier.....Birmingham, Ala
W. A. Crutcher, Dist. Mgr. St. Louis, Mo
C. A. Daley.....New York, N. Y
J. P. Flood.....Emeryville, Cal
J. T. Gibbs.....Minneapolis, Minn
C. D. W. Gibson, Dist. Mgr..Detroit, Mich
F. W. Graneman....Minneapolis, Minn
H. A. Hackler.....St. Louis, Mo
T. M. Hamer.....Chicago, Ill
R. F. Helmkamp.....New York, N. Y
I. W. Hicok..... "
H. A. Hocking..... "
A. F. Huna.....Minneapolis, Minn
G. W. Irwin, Dist. Mgr. "
P. S. Julian, Mgr..Oklahoma City, Okla
J. W. Kenefic.....Chicago, Ill
J. W. Knowles.....New York, N. Y
L. S. Krausse.....Richmond, Va
P. W. Kromer, Dist. Mgr..Buffalo, N. Y
B. N. Law, Dist. & Western Mgr. R. R. Sales.....Chicago, Ill
C. B. Leahy, Br. Mgr....Los Angeles, Cal
C. W. Lennock.....Cleveland, O
E. F. Lindgren, Dist. Mgr.....Birmingham, Ala
Walter Love.....Chicago, Ill
W. H. Ludington, Mgr. R. R. Eng. Dept.....New York, N. Y
J. J. March.....Chicago, Ill
Jno. Murphy.....New York, N. Y
John Oudhoff..... "
R. T. Peabody, Sales Asst. R. R. Dept..... "
E. B. Pederson.....Minneapolis, Minn
G. E. Phelps..... .....Cleveland, O
L. H. Place.....Chicago, Ill
W. P. Roberts, Dist. Mgr..Richmond, Va
H. L. Rogers.....New York, N. Y
L. R. Rush..... "
W. S. Schoenthaler, Dist. Mgr..... "
E. M. Sexton, R.R. Sales Mgr..... "
J. A. Shand, Dist. Mgr.....Boston, Mass
L. A. Sholes, Dist. Mgr.....Cleveland, O
G. M. Smith.....St. Louis, Mo
J. S. Strate, Dist. Mgr. Milwaukee, Wis
L. N. Vail.....New York, N. Y
C. F. Van Horne.....Cleveland, O
H. I. Walsh.....New York, N. Y
J. A. Warfel, Dist. Mgr..Pittsburgh, Pa
H. R. Wilker.....Chicago, Ill
O. F. Wilkinson.....St. Louis, Mo
D. J. Williams, Dist. Mgr. Emeryville, Cal
G. A. Williams.....St. Louis, Mo

AJAX MFG. CO., Cleveland, O
Chicago, Ill.—140 So. Dearborn St.
New York, N. Y.—50 Church St.
J. R. Blakeslee.....Cleveland, O
A. L. Guilford.....Chicago, Ill
H. D. Heman .....Cleveland, O
J. A. Murray.....New York, N. Y

AJAX METAL CO.,
46-50 Richmond St., Philadelphia, Pa.
Birmingham, Ala.—Amer. Trust Bldg
Boston, Mass.—Scollay Bldg.
Chicago, Ill.—53 W. Jackson Blvd.
Cleveland, O.—Schofield Bldg.
New York, N. Y.—233 Broadway.
St. Louis, Mo.—Commercial Tr. Bldg.
Zeno D. Barns..... ....Cleveland, O
J. C. Brightbill.....Philadelphia, Pa
H. L. Carpenter, Jr... " "
G. H. Clamer..... "
W. J. Coane..... "
C. Crilly.....New York, N. Y
J. M. Graham.....Waynesboro, Pa
E. L. Keiser.....Birmingham, Ala
A. MacDougall.....New York, N. Y
Samuel E. McClure...Philadelphia, Pa
John G. Miller.....Chicago, Ill
Jos. G. Miller.....St. Louis, Mo
J. A. Morrison.....Philadelphia, Pa
J. R. Nelson..... "
Frank M. Willeson.....Boston, Mass

ALDON CO.,
3338 Ravenswood Ave., Chicago, Ill
G. V. Johnston..... "
E. W. K. Roe..... "
W. E. Roe..... "

ALLAN & SON, A., Harrison, N. J.
A. Allan..... "
W. T. Allan..... "

ALUMINO-THERMIC CORPORATION,
220 Westfield Ave., W., Roselle Park, N. J
Chicago, Ill.—208 So. La Salle St.
H. J. Barnes, V.-Pres....Roselle Park, N. J
H. L. Burrhus.....New York, N. Y
Ed. S. Clark.....Chicago, Ill
C. M. Dermody, Asst. Treas.....Roselle Park, N. J
Emmet M. Fry.....Chicago, Ill
Karl E. Herrick, Sales Eng.....Roselle Park, N. J
T. Burnham McMath..... .Chicago, Ill
Merle I. St. John, Sec...New York, N. Y
Hugh G. Spilsbury, Pres. & Gen. Mgr... Roselle Park, N. J

AMERICAN ABRASIVE METALS CO.,
50 Church St., New York, N. Y
Chicago, Ill.—111 W. Washington St.
Pittsburgh, Pa.—Farmers Bk. Bldg.
Geo. C. Hutchinson.....Pittsburgh, Pa
Frank E. Plowman.....Chicago, Ill

AMERICAN ARCH CO., INC.,
17 E. 42d St., New York, N. Y
Chicago, Ill.—332 So. Michigan Ave.
Denver, Col.—Majestic Bldg.
Los Angeles, Cal.—173 So. Ardmore Ave
S. G. Allen, V.-Chman....New York, N. Y
W. L. Allison, Sr. V.-Pres. "
J. T. Anthony, V.-Pres.. "
G. M. Bean.....Los Angeles, Cal
A. W. Clokey.....Chicago, Ill
J. S. Coffin, Chman.....New York, N. Y
E. H. Cook.....Atlanta, Ga
T. M. Ferguson.....Westville, Conn
Wm. Haag.....St. Paul, Minn
E. T. Harlan.....Chicago, Ill
F. T. Heffelfinger, Exec. V.-Pres..... .....Chicago, Ill
R. J. Himmelright, V.-Pres.....New York, N. Y
F. B. Johnson, Asst. Sec. "
Thos. F. Kilcoyne.....Cincinnati, O
J. A. Lodwick.....New York, N. Y
S. MacClurkan, V.-Pres.. "
Thos. Mahar..... "
H. A. Mannshardt..... "
C. O. McNamee..... "
Ed. T. Mulcahy.....Denver, Col
H. W. Muller, Asst. Treas. New York, N. Y
W. W. Neale.....Baltimore, Md
John P. Neff, V.-Pres...New York, N. Y
Chas. T. Pfeiffer.....Milwaukee, Wis
Geo. A. Price, Sec. & Treas.....New York, N. Y
W. E. Salisbury.....St. Louis, Mo
H. B. Slaybaugh, Pres..New York, N. Y
M. R. Smith.....Detroit, Mich
A. M. Suesse.....Chicago, Ill
Geo. Wagstaff.....New York, N. Y

AMERICAN BRAKE SHOE & FOUNDRY CO.,
30 Church St., New York, N. Y
Atlanta, Ga.—Candler Bldg.
Chicago, Ill.—332 So. Michigan Ave.
Cincinnati, O.—Traction Bldg.
G. E. Anne.....Altoona, Pa
Fred. P. Biggs.....Chicago, Ill
F. H. Coolidge.....Atlanta, Ga
W. S. Cumming.....Chicago, Ill
A. G. Delany.....Minneapolis, Minn
L. R. Dewey.....Chicago, Ill
W. C. Doering.....St. Louis, Mo
A. H. Elliot.....New York, N. Y
Thomas Finigan.....Chicago, Ill
H. A. Gillies.....Denver, Col
W. B. Given, Jr.....New York, N. Y
J. K. Godby.....Huntington, W. Va
B. H. Grundy.....Richmond, Va
R. E. Holt.....Chattanooga, Tenn
H. W. Hurst.....Chicago, Ill
E. L. Janes.....Springfield, Mass
T. F. Lewis.....Chicago, Ill
W. S. McGowan.....New York, N. Y
Wm. Minto.....Houston, Tex
W. K. Nelson.....Chicago, Ill
A. G. Olberding.....Cincinnati, O
J. H. Parsons.....New York, N. Y
T. S. L. Seaman..... "
E. B. Smith..... "
R. S. Stewart.....Chicago, Ill
J. Thos. Talbot.....Norfolk, Va
M. N. Trainer.....New York, N. Y
J. W. Waters.....Chicago, Ill
C. F. Weil..... "
C. P. Wright..... "

AMERICAN BRIDGE COMPANY,
71 Broadway, New York, N. Y
Baltimore, Md.—Continental Bldg.
Boston, Mass.—120 Franklin St.
Chicago, Ill.—208 So. LaSalle St.
Cincinnati, O.—Union Trust Bldg.
Cleveland, O.—Rockefeller Bldg.
Detroit, Mich.—Buhl Bldg.
Duluth, Minn.—Wolvin Bldg.
Minneapolis, Minn.—629 2nd St., S. E.
Philadelphia, Pa.—Widener Bldg.
(Continued on following page.

AMERICAN BRIDGE CO.—Continued
Pittsburgh, Pa.—Frick Bldg.
St. Louis, Mo.—Liberty Cent. Tr. Bldg.
Salt Lake City, Utah—Walker Bk. Bldg
L. J. Affelder, Div. Contr. Mgr.....Pittsburgh, Pa
Edward Capouch, Contr. Mgr.....Chicago, Ill
F. E. Cates, Cont. Mgr. Minneapolis Minn
A. L. Davis, Div. Contr. Mgr. } New York.
J. F. Geoghegan, Contr. Mgr. } N. Y.
E. E. Green, Contr. Mgr.....St. Louis, Mo
E. H. Heald, Div. Contr. Mgr. Chicago, Ill
H. M. Knapp, Contr. Mgr. Cincinnati, O
J. B. Leeper, Mgr. Tower Dept.....Pittsburgh, Pa
J. C. Munn, Contr. Mgr....Detroit, Mich
F. D. Rideout, Contr. Mgr. Cleveland, O
Charles Rieder, Jr. Contr. Mgr.....Philadelphia, Pa
Geo. E. Shepard, Asst. Div. Contr. Mgr.....Pittsburgh, Pa
Elmo V. Smith, Contr. Mgr..... } Salt Lake City, Utah.
E. B. Stearns, Asst Div. Contr. Mgr..... } New York, N. Y.
B. P. Talbot, Contr. Mgr..... "
S. P. Waldron, Contr. Mgr. Boston, Mass
V. C. Ward, Jr., Contr. Mgr. Chicago, Ill
H. A. Warren, Contr Mgr. Baltimore, Md
W. M. White, Contr. Mgr. New York, N. Y
W. G. Zimmerman, Contr. Mgr.....Duluth, Minn

AMERICAN CABLE CO.,
105 Hudson St., New York, N. Y
Chicago, Ill.—160 No. La Salle St.
Cleveland, O.—Rockefeller Bldg.
Philadelphia, Pa.—8th & Locust Sts.
H. S. Cooley.....Philadelphia, Pa
G. C. Moon, V.-Pres.....New York, N. Y
C. L. Norton.....Cleveland, O
W. H. Slingluff.....Chicago, Ill

AMERICAN CAR & FOUNDRY CO.,
30 Church St., New York, N. Y
Buffalo, N. Y.—1221 Clinton St.
Chicago, Ill.—80 E. Jackson Blvd.
Pittsburgh, Pa.—Farmers Bank Bldg
St. Louis, Mo.—915 Olive St.
St. Paul, Minn.—Builders Exchange
T. C. Andrews.....St. Louis, Mo
Scott H. Blewett..... "
E. D. Buick.....Terre Haute, Ind
Jas. M. Buick.....New York, N. Y
F. C. Cheston..... "
E. P. Chittenden.....St. Louis, Mo
C. B. Collins..... "
R. H. Davenport.....New York, N. Y
C. P. Dickerman.....Chicago, Ill
N. A. Doyle.....St. Louis, Mo
H. I. Dunphy.....New York, N. Y
C. D. Eaton..... "
H. M. Ensign.....Huntington, W. Va
John W. Ensign..... "
E. H. Fisher.....New York, N. Y
F. H. B. Fowler..... "
A. H. Gawthrop.....Wilmington, Del
Thos. Geddes.....Chicago, Ill
W. E. Hedgcock.....New York, N. Y
J. B. Herman.....St. Louis, Mo
C. T. Hertzsch.....Jeffersonville, Ind
R. A. Lockard.....Berwick, Pa
Wm. F. Lowry, Jr.....Pittsburgh, Pa
T. E. Lyons.....Jeffersonville, Ind
L. W. Martin.....St. Louis, Mo
O. H. Mellum.....Chicago, Ill
I. L. B. Martz.....Berwick, Pa
W. R. Mason.....Los Angeles, Cal
W. P. McBride.....Chicago, Ill
D. B. McCarthy.....St. Louis, Mo
J. L. McDowell.....New York, N. Y
J. L. Onderdonk.....Chicago, Ill
A. E. Ostrander.....New York, N. Y
B. W. Parsons.....St. Paul, Minn
Chas. A. Price.....Memphis, Tenn
L. M. Roe.....Huntington, W. Va
Robt. Rogers.....Pittsburgh, Pa
F. F. Rose.....New York, N. Y
W. H. Sanford.....Buffalo, N. Y
J. C. Scott.....Pittsburgh, Pa
M. C. Shands.....New York, N. Y
A. E. Smith.....Berwick, Pa
Andrew Speirs.....Chicago, Ill
Cary D. Terrell..... "
S. H. Thomas.....Detroit, Mich
J. H. Weisbrod.....New York, N. Y
W. A. Williams..... "
H. W. Wolff..... "
J. L. Wood.....Memphis, Tenn

AMERICAN CHAIN CO., INC.,
929 Connecticut Ave., Bridgeport, Conn.
Boston, Mass.—132 High St.
Chicago, Ill.—208 So. La Salle St.
New York, N. Y.—Grand Central Term.
Philadelphia, Pa.—147 North 7th St.
Pittsburgh, Pa.—Union Trust Bldg.
San Francisco, Cal.—Pacific Bldg.
R. H. Atkinson.....San Francisco, Cal
W. P. Burleigh.....Chicago, Ill
T. A. Cotter.....Boston, Mass
W. F. Cotter.....New York, N. Y
E. O. Johnstone.....San Francisco, Cal
W. D. Kirkpatrick.....Philadelphia, Pa
J. J. O'Connell.....New York, N. Y
W. C. Perkins.....Pittsburgh, Pa
A. P. Van Schaick, Gen. Mgr. Sales.....Bridgeport, Conn
A. H. Weston.....New York, N. Y
W. C. Wolfe.....Chicago, Ill

AMERICAN FROG & SWITCH CO.,
Hamilton, O.
Birmingham, Ala.—Age-Herald Bldg.
Chicago, Ill.—80 E. Jackson Blvd.
Pittsburgh, Pa.—Diamond Bank Bldg.
Richmond, Va.—Mutual Bldg.
Washington, D. C.—McLachlen Bldg.
R. G. Crawford.....Pittsburgh, Pa
J. R. Forney.....Washington, D. C
C. H. Krauss.....Birmingham, Ala
J. F. Leonard.....Richmond, Va
B. E. Schonthal.....Chicago, Ill.

AMERICAN HOIST & DERRICK CO.,
63 So. Robert St., St. Paul, Minn
Birmingham, Ala.—1505 N. 34th St.
Chicago, Ill.—343 So. Dearborn St.
New Orleans, La.—712 Union St.
New York, N. Y.—50 Church St.
Pittsburgh, Pa.—Farmers Bank Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—139 Townsend St.
Seattle, Wash.—L. C. Smith Bldg.
F. E. Bauer, Jr.....New York, N. Y
D. R. Blatcher.....St. Paul, Minn
J. J. Cox..... "

(Continued on following page.)

AMERICAN HOIST & DERRICK CO.—Continued.
H. W. Davis.....New York, N. Y
George Haigh.....St. Paul, Minn
H. G. Hanley.....New York, N. Y
J. L. Hickey.....Chicago, Ill
T. A. Hoeller.....St. Paul, Minn
C. T. Hook.....Chicago, Ill
A. G. Johnson.....St. Paul, Minn
F. J. Johnson..... "
Howard S. Johnson..... "
W. H. Lummus.....San Francisco, Cal
W. L. Manson.....Brookline, Mass
W. B. Maurer.....St. Louis, Mo
D. L. O'Brien.....St. Paul, Minn
N. F. Parenteau..... "
J. L. Praytor.....Birmingham, Ala
Geo. G. Prest.....Chicago, Ill
B. R. Roquemore.....New Orleans, La
W. M. Schoen.....Indianapolis, Ind
E. O. Solomonson....Mexico City, Mex
R. C. Sturgeon.....Pittsburgh, Pa
C. W. Tubby.....Seattle, Wash
Albert Washburn.....Pittsburgh, Pa
W. O. Washburn.....St. Paul, Minn

AMERICAN LOCOMOTIVE CO.,
30 Church St., New York, N.Y
Chicago, Ill.—332 So. Michigan Ave.
Dallas, Tex.—Praetorian Bldg.
Houston, Tex.—2nd Natl. Bank Bldg.
St. Louis, Mo.—Syndicate Trust Bldg.
San Francisco, Cal.—Rialto Bldg.
Ross Anderson.....Richmond, Va
W. E. Corrigan.....San Francisco, Cal
E. C. Fisher.....St. Louis, Mo
Arthur Haller.....Chicago, Ill
W. D. Jenkins.....{ Dallas, Tex / Houston, Tex
G. G. Jones.....Chicago, Ill

AMERICAN MANGANESE STEEL CO.,
Chicago Heights, Ill.
Cleveland, O.—Rockefeller Bldg.
Denver, Col.—4th & Wazee Sts.
Easton, Pa.—Easton Trust Bldg.
Los Angeles, Cal.—Huntington Park.
Oakland, Cal.—Oakland Pier.
St. Louis, Mo.—6600 Ridge Ave.
T. B. H. Askin.....Denver, Col
W. M. Black.....New York, N. Y
C. C. Brayton.....Oakland, Cal
W. G. Broughton..Chicago Heights, Ill
W. C. Bruton.....Oakland, Cal
B. S. Carr.....Chicago Heights, Ill
B. F. Clark.....New Castle, Del
J. O. F. Clark.....St. Louis, Mo
A. W. Daniels.....Chicago Heights, Ill
E. Francis.....Cleveland, O
W. J. Hall.....St. Louis, Mo
W. T. McNinch.....Chicago Heights, Ill
Dana Mitchell.....New Castle, Del
E. F. Mitchell.....St. Louis, Mo.
H. L. Morrison.....Los Angeles, Cal
W. J. Mullaly.....Chicago Heights, Ill
N. C. Peebles.....New York, N. Y
C. Rorabeck.....Chicago Heights, Ill
L. J. Rossiter.....New York, N. Y
F. O. Rush.....New Castle, Del
A. R. Sittig.....Chicago Heights, Ill
L. W. Van Buskirk.....Easton, Pa
R. J. Williams.....St. Louis, Mo
D. H. Young.....Oakland, Cal

AMERICAN MASON SAFETY TREAD CO.,
General Office & Factory, 125 Perry St., Lowell, Mass
Atlanta, Ga.—227 Peachtree St.
Baltimore, Md.—Pleasant & Davis Sts.
Birmingham, Ala.—2011 Third Ave.
Boston, Mass.—10 High St.
Buffalo, N. Y.—Bailey Ave. & Stanley St.
Chicago, Ill.—1310 Diversey St.
Cincinnati, O.—Front & Freeman Sts.
Denver, Col.—Jacobson Bldg.
Detroit, Mich.—1600 E. Euclid Ave.
Houston, Tex.—West Bldg.
Jersey City, N. J.—West Side Ave.
Kansas City, Mo.—Ridge Bldg.
Los Angeles, Cal.—320 So. San Pedro St.
Louisville, Ky.—1025 Franklin St.
Montreal, Que.—120 Prince St.
New York, N. Y.—30 Church St.
Ottawa, Ont.—189 James St.
Philadelphia, Pa.—400 Chestnut St.
Portland, Ore.—96 Front St.
St. Louis, Mo.—2208 No. Second St.
Salt Lake City, Utah—Kearns Bldg.
San Diego, Cal.—Spreckels Bldg.
San Francisco, Cal.—604 Mission St.
Seattle, Wash.—Douglas Bldg.
Spokane, Wash.—Lindelle Block.
Toronto, Ont.—77 York St.
Washington, D. C.—817 14th St., N. W.
Walker L. Bean.....Spokane, Wash
Thos. A. Bright.....Washington, D. C
C. S. Caldwell.....Birmingham, Ala
F. H. Carter.....Baltimore, Md
H. J. Church.....Toronto, Ont
Chas. V. Clark.....Ottawa, Ont
F. T. Crowe.....Seattle, Wash
Richard Dawson.....Montreal, Que
Jas. H. Doyle.....Jersey City, N. J
Chris. Eccles.....Los Angeles, Cal
Earl E. Ertel.....Cincinnati, O
E. E. Gilmer.....Portland, Ore
E. W. Johnson.....St. Louis, Mo
C. Jorgensen.....San Francisco, Cal
Chas. F. Kehr.....Chicago, Ill
I. N. Kriegshaber.....Atlanta, Ga
A. B. Lang.....Louisville, Ky
Milton O. Lange.....New York, N. Y
C. Metterhansen.....Chicago, Ill
F. A. Porter.....Salt Lake City, Utah
John B. Ricketts.....Kansas City, Mo
W. H. Simmons.....Detroit, Mich
Theo. F. Snyder.....San Diego, Cal
Geo. W. Summers.....Denver, Col
W. C. Sylvies.....Los Angeles, Cal
F. B. Walcott.....Houston, Tex
G. W. Webb.....Buffalo, N. Y
H. A. Welcome, Gen. Mgr. & Sec.....Lowell, Mass
J. D. Wilkins.....Greensboro, N. C
E. W. Wyman.....{ Boston, Mass / Philadelphia, Pa

AMERICAN NUT & BOLT FASTENER CO., THE Pittsburgh, Pa
Detroit, Mich.—General Motors Bldg.
St. Louis, Mo.—Planters Bldg.
Glen A. Aiken, V.-Pres. & Sales Mgr.....Pittsburgh, Pa

(Continued on following page.)

AMERICAN NUT & BOLT FASTENER CO.—Cont'd.
E. R. Hensel.....Kansas City, Mo
St. Louis, Mo
Frank J. Hunt.....Detroit, Mich
Edw. G. Lang, Pres.....Pittsburgh, Pa
Jos. R. Royston, Sec.-Treas.....
Treas.....
AMERICAN RY. APPLIANCES CO.,
350 Madison Ave, New York, N. Y.
L. D. Brown.....
J. Wallace Henry.....
Edw. H. Pape, Sec.-Treas.
A. Schneider, Pres.....
F. J. Whelan.....
AMERICAN RY. SUPPLY CO.,
134 Charles St., New York, N. Y
F. G. Clover, Gen. Mgr.
AMERICAN ROLL GOLD LEAF CO.,
56 Pine St., Providence, R. I
New York, N. Y.—15 Park Row.
St. Louis, Mo.—5328 Delmar Blvd.
W. A. Hyatt.....Brockton, Mass
Geo. E. Lawler.....St. Louis, Mo
A. G. Sehm.....New York, N. Y
AMERICAN SPIRAL SPRING & MFG. CO.,
General Office and Works. Pittsburgh, Pa
Chicago, Ill.—589 East Illinois St.
Cleveland, O.—National Bldg.
Milwaukee, Wis.—548 Milwaukee Ave
New York, N. Y.—125 Church St.
Philadelphia, Pa.—10 So. 18th St.
Portland, Ore.—35 Second Ave.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—Monadnock Bldg
R. E. L. Bailey, Secy.....Pittsburgh, Pa
E. P. Bartlett.....Chicago, Ill
J. F. Burke.....Pittsburgh, Pa
Frank M. Cobbledick, San Francisco, Cal
Jas. G. Crawford.....St. Johns, N. F
F. H. Dorner.....Milwaukee, Wis
Stewart H. Ford.....Richmond, Va
G. A. Girty.....Pittsburgh, Pa
Chas. Gust.....
C. F. Keib.....
R. R. Kitchen, V.-Pres. Wheeling, W. Va
A. H. McCreery.....St. Louis, Mo
W. R. McDonough.....Cleveland, O
F. Pecher.....Pittsburgh, Pa
D. L. Schwartz.....Philadelphia, Pa
A. M. Stafsudd.....Pittsburgh, Pa
H. R. Taylor.....
J. B. Thomas.....
W. Whalen.....
E. L. Wilde.....
Harry Wilson, Pres.....
V. G. Wilson.....
W. D. Wintersmith.....New York, N. Y
S. F. Woodbury.....Portland, Ore
AMERICAN STEEL & WIRE COMPANY
208 So. La Salle St., Chicago, Ill.
Cleveland, O.—Rockefeller Bldg.
New York, N. Y.—30 Church St.
F. Baackes, V.-Pres. & Gen. Sales Agt.....Chicago, Ill
H. R. Barthel.....
John W. Collins.....
H. H. Febrey.....New York, N. Y
R. L. Foster, Asst. Gen. Sales Agt.....
A. W. Froude.....

J. S. Keefe, V.-Pres.....Chicago, Ill
D. A. Merriman, Asst. Gen. Sales Agt.....
Wm. P. Palmer, Pres.....Cleveland, O
J. W. Patterson.....New York, N. Y
G. F. Rummel, Asst. Gen. Sales Agt.....Chicago, Ill
L. P. Shanahan.....
H. A. Squibos.....
D. R. Waterman.....
AMERICAN STEEL FOUNDRIES.
410 No. Michigan Ave., Chicago, Ill
Cleveland, O.—Society for Savings Bldg
Denver, Col.—Barth Bldg.
New York, N. Y.—30 Church St.
St. Louis, Mo.—Frisco Bldg.
St. Paul, Minn.—Builders' Exchange.
Washington, D. C.—Munsey Bldg.
J. V. Bell.....St. Louis, Mo
Theo. Cook.....New York, N. Y
J. C. Davis.....Chicago, Ill
F. B. Ernst.....
W. Ross Gravener.....Washington, D. C
H. D. Hammond.....Chicago, Ill
C. L. Heater.....
T. H. Hopkirk.....New York, N. Y
Louis E. Jones.....Chicago, Ill
P. J. Kalman.....St. Paul, Minn
Robert P. Lamont.....Chicago, Ill
D. M. Light.....San Francisco, Cal
Warren J. Lynch.....New York, N. Y
P. A. Martin.....Cleveland, O
R. W. McKinson.....Chicago, Ill
A. W. McLaren.....New York, N. Y
F. S. McNamara.....Denver, Col
A. H. Peycke.....Chicago, Ill
H. D. Richardson.....St. Louis, Mo
R. H. Ripley.....Chicago, Ill
J. T. Rowbottom.....New York, N. Y
T. R. Sadler.....
Geo. E. Scott.....Chicago, Ill
G. P. Slaughter.....
W. S. Spieth.....
W. A. Stearns.....
P. J. Sullivan.....
W. G. Wallace.....
J. E. Wright.....St. Louis, Mo
AMERICAN TRACKBARROW,
10 Wedge St., Lowell, Mass
M. C. Brennan, Mgr.....
AMERICAN VALVE & METER CO.,
Cincinnati, O
Baltimore, Md.—724 E. Pratt St.
Boston, Mass.—Essex Bldg.
Chicago, Ill—332 So. Michigan Ave.
Denver, Col.—Barth Bldg.
Richmond, Va.—Mutual Bldg.
Roanoke, Va.—1st Natl. Bk. Bldg.
St. Louis, Mo.—Chemical Bldg.
F. A. Barbey.....Boston, Mass
Chas. F. Bastian, Sec. & Treas.....Cincinnati, O
Wallace M. Gray, V.-Pres.
John R. Hayward.....Roanoke, Va
Daniel J. Higgins.....Chicago, Ill
J. T. McGarry, Pres. & Gen. Mgr.....Cincinnati, O
F. S. McNamara.....Denver, Col
John R. Meginnis.....Baltimore, Md
L. Norvell.....St. Louis, Mo
Cecil W. Stevens.....Richmond, Va

AMERICAN WATER SOFTENER CO.,
Lehigh Ave. & 4th St., Philadelphia, Pa
A. S. Garrett, Pres ... "
G. F. Hodkinson, Mgr. Filter Dept..... "
W. T. Runcie, Gen. Sales Mgr..... "
A. C. Tomlinson Treas "

AMERICAN WELL WORKS,
Aurora, Ill.
Chicago, Ill.—38 So. Dearborn St.
Dallas, Tex.—West. Indemnity Bldg.
Milwaukee, Wis.—1st Wis. Natl. Bk. Bldg.
New York, N. Y.—165 Broadway.
San Francisco, Cal.—635 Mission St.
F. E. Davis.....Chicago, Ill
C. Duy..... Aurora, Ill
C. H. Gaus..... New York, N. Y
B. E. Gould..... Aurora, Ill
D. W. Hunt.....Chicago, Ill
G. W. Igo, Mgr..... "
W. B. Mahaffey.....Aurora, Ill
C. U. Martin.....San Francisco, Cal
C. O. McLean.....Dallas, Tex
H. M. Posz..... Milwaukee, Wis
R. W. Ruth, Sales Mgr.....Aurora, Ill
M. P. Schneller..... "
E. White..... "
A. W. Willing..... "

AMES SHOVEL & TOOL CO.,
Ames Bldg., Boston, Mass
St. Louis, Mo. 4030 Duncan Ave.
G. C. Barton .....New Orleans, La
Ernest N. Birge, Mgr.....St. Louis, Mo
Samuel D. Burrell.....Odon, Ind
Jos. T. Hughes.....Beaver Falls, Pa
W. H. Jenks.....Boston, Mass
E. W. Knollhoff.....St. Louis, Mo
Fredk. H. Levis, Mgr...Cheltenham, Pa
Henry M. Myers, Mgr..Beaver Falls, Pa
Edwin T. Nipher, Mgr...Anderson, Ind
John J. Regnery.....Cheltenham, Pa
J. C. Walker.....North Easton, Mass
Albert Zimmerman.....Baltimore, Md

ANCHOR COMPANY,
756 Park St., Milwaukee, Wis
Chicago, Ill.—80 E. Jackson Blvd.
St. Louis, Mo.—Railway Exchange.
Geo. H. Chadwell.....St. Louis, Mo
E. J. Correll.....Chicago, Ill
Edmund Fitzgerald....Milwaukee, Wis
Clarence Knapp.....St. Louis, Mo
W. C. McMahon.....Milwaukee, Wis
F. L. Sivyer..... "

ANCHOR PACKING CO.,
Lafayette Bldg., Philadelphia, Pa
Baltimore, Md.—716 E. Pratt St.
Boston, Mass.—88 Broad St.
Buffalo, N. Y.—70 Ohio St.
Chicago, Ill.—200 E. Illinois St.
Cleveland, O.—Rockefeller Bldg.
Detroit, Mich.—529 Congress St., East.
Montreal, Can.—371 Aqueduct St.
New Orleans, La.—418 Common St.
New York, N. Y.—72 Murray St.
Pittsburgh, Pa.—Manufacturers' Bldg
St. Louis, Mo.—1523 Olive St.
San Francisco, Cal.—29 Spear St.
L. E. Adams .....Philadelphia, Pa
G. W. Apsey.....Boston, Mass
J. F. Edmonds.....Pittsburgh, Pa
C. W. Hadcock.....New York, N. Y
W. R. Haggart.....Philadelphia, Pa
Frank Kohl.....Detroit, Mich
J. P. Landreth.....Chicago, Ill
L. W. Milward.....Buffalo, N. Y
D. J. P. Murray.....Baltimore, Md
Irvin Reed.....San Francisco, Cal
J. D. Robb.....Montreal, Can
E. A. Smith.....Cleveland, O
J. B. Webb.....St. Louis, Mo
W. F. Wilson.....New Orleans, La

ANGLO-AMERICAN VARNISH CO.,
53-63 Johnson St., Newark, N. J
Boston, Mass.—Colonial Bldg.
New York, N. Y.—Grand Central Term.
L. H. Conant.....New York, N. Y
H. T. Heath.....Chicago, Ill
B. A. Hegeman, Jr.....New York, N. Y
H. A. Hegeman..... "
Thos. F. McManus.....Newark, N. J
W. C. Peters.....New York, N. Y
F. M. Richards.....Boston, Mass

AQUART MFG. CO.,
Chemical Bldg., St. Louis, Mo
C. H. Close..... "

ARCO COMPANY,
6408 Euclid Ave., Cleveland, O
Chicago, Ill.—80 E. Jackson Blvd.
D. Andrew, Jr.....Cleveland, O
Geo. H. McCammon.....Chicago, Ill
R. R. Paradies.....Elizabeth, N. J

ASBESTOS SHINGLE SLATE & SHEATHING CO. Ambler, Pa
Boston, Mass.—100 Pearl St.
Buffalo, N. Y.—25 Terrace St.
Chicago, Ill.—319 N. Wells St.
Cleveland, O.—1178 W. 11th St.
Detroit, Mich.—Penobscot Bldg.
Milwaukee, Wis.—216 Water St.
Minneapolis, Minn.—730 Washington Ave., N.
New York, N. Y.—233 Broadway.
Philadelphia, Pa.—2013 Market St.
Pittsburgh, Pa.—311 Ross St.
Washington, D. C.—623 F St., N. W.
Wilkes-Barre, Pa.—Miners Bk. Bldg.
J. R. Adams .....Chicago, Ill
E. W. Ahern.....Minneapolis, Minn
A. A. Avery.....Detroit, Mich
F. W. Baetzel.....Cleveland, O
F. E. Craig.....Milwaukee, Wis
G. L. Courtney.....New York, N. Y
O. A. Danzenbaker..Washington, D. C
H. J. Dougan..... Boston, Mass
J. H. Harton.....Wilkes-Barre, Pa
J. H. Jacobsen.....Chicago, Ill
R. A. Sarricks.....Pittsburgh, Pa
A. B. Spaulding.....Philadelphia, Pa
G. E. Strebel.....Buffalo, N. Y

ASHTON VALVE CO.,
161 First St., Cambridge C., Boston, Mass.
Chicago, Ill.—565 Washington Blvd.
Mexico, D. F.—3 A Palma 33.
New York, N. Y.—126 Liberty St.
St. Louis, Mo.—Railway Exchange.
San Francisco, Cal.—606 Howard St.
Geo. B. Allen.....San Francisco, Cal
H. O. Fettinger.....New York, N. Y
Chas. Gaston .....Chicago, Ill
Jos. F. Gettrust..... "

(*Continued on following page.*)

ASHTON VALVE CO.—Continued.
J. W. Motherwell, V.-Pres.
& Gen. Mgr.....Cambridge, Mass
A. D. Perry, Sec. & "
Asst. Gen. Mgr..... "
Carl Holt Smith.....Mexico, D. F
H. J. Tierney.....St. Louis, Mo

ATKINS & CO., INC., E. C.
Indianapolis, Ind
Atlanta, Ga.—132 So. Forsythe St.
Chicago, Ill.—1401 Washington St.
Denver, Col.—1050 Sherman St.
Detroit, Mich.—956 Larned St.
Hamilton, Ont.—Sherman Ave., No.
Memphis, Tenn.—Main & Butler Sts.
Minneapolis, Minn.—124 Wash. Ave.
New Orleans, La.—100 North Peters St
New York, N. Y.—56 Reade St.
Pittsburgh, Pa.—Ch. of Commerce.
Portland, Ore.—73 First St.
San Francisco, Cal.—257 Mission St.
Seattle, Wash.—510 First St.
Vancouver, B. C.—109 Powell St.
W. H. Albaugh.....Pittsburgh, Pa
J. E. Andrews.....Indianapolis, Ind
R. A. Arbuckle.....Louisville, Ky
E. J. Banks.....Vancouver, B.C
T. F. Barbour.....Minneapolis, Minn
Chas. W. Boaz.....Denver, Col
R. J. Cant.....Lancaster, N. Y
J. C. Chancellor....Parkersburg, W. Va
E. W. Clark.....New York, N. Y
M. Conner.....Portland, Ore
Robt. Eveland.....Detroit, Mich
B. M. Gladding.....Memphis, Tenn
C. S. Haggarty.....New Orleans, La
C. J. Hendryx.....Atlanta, Ga
G. B. Holloway.....Memphis, Tenn
H. P. Hubbard.....Hamilton, Ont
R. W. Neighbor.....Portland, Ore
R. B. Nixon.....Norfolk, Va
J. P. O'Connor.....Seattle, Wash
Lewis Okey.....Chicago, Ill
B. L. Owens.....Cincinnati, O
S. M. Perrigo.....Chicago, Ill
A. W. Shaw.....San Francisco, Cal

BADEKER MANUFACTURING CO.,
4612 Park Ave., Chicago, Ill.
C. C. Bartlett, Sec..... "
E. V. Lea, East. Rep....New York, N. Y
J. P. McKinley, Pres.....Chicago, Ill
J. W. Stack, Sales Mgr. &
Treas.....

BAKER-RAULANG CO.,
Leader-News Bldg., Cleveland, O
Atlanta, Ga.—Glenn Bldg.
Birmingham, Ala.—1910 Powell Ave.
Boston, Mass.—410 Newbury St.
Buffalo, N. Y.—35 Court St.
Chattanooga, Tenn.—James Bldg.
Chicago, Ill.—351 W. Vanburen St.
Cincinnati, O.—3841 Spring Grove Ave.
Denver, Col.—Exchange Bldg.
Detroit, Mich.—616 Milwaukee St., W.
Glens Falls, N. Y.—135 Glen St.
Indianapolis, Ind.—Fidelity Tr. Bldg.
Kansas City, Mo.—Victor Bldg.
Los Angeles, Cal.—345 E. 3rd St.
Louisville, Ky.—Starks Bldg.
Milwaukee, Wis.—288 Water St.
Montreal, Que.—358 Beaver Hall Sq.
New Orleans, La.—Whitney Central Bldg.
New York, N. Y.—33 W. 60th St.
Philadelphia, Pa.—Atlantic Bldg.
Pittsburgh, Pa.—Bessemer Bldg.
Port Arthur, Tex.—1st Natl. Bk. Bldg.
Rochester, N. Y.—Terminal Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
St. Paul, Mo.—Pioneer Bldg.
Salt Lake City, Utah—Kearns Bldg.
San Francisco, Cal.—444 Market St.
Seattle, Wash.—69 Columbia St.
Toronto, Ont.—45 Jarvis St.
Tulsa, Okla.—420 No. Main St.
Winnipeg, Man.—Elec. Ry. Chambers.
J. B. Ambler.....Salt Lake City, Utah
T. W. Barnes.....Chicago, Ill
H. R. Boone.....Los Angeles, Cal
A. G. Brown.....Glens Falls, N. Y
N. M. Campbell.....Montreal, Que
Chas. W. Carle.....San Francisco, Cal
Geo. H. Criss.....Pittsburgh, Pa
D. L. Darnell.....Cleveland, O
J. W. Davis.....Montreal, Que
Chas. Dunn.....Moline, Ill
C. E. Dunstan.....Port Arthur, Tex
Nicholas Enello.....New York, N. Y
A. J. Gates.....Cleveland, O
S. A. Gillard.....Buffalo, N. Y
C. D. Gilpin.....Philadelphia, Pa
H. B. Greig.....Cleveland, O
Chas. M. Gunn.....San Francisco, Cal
Glen E. Guy.....Cleveland, O
R. E. Harris.....Rochester, N. Y
W. F. Hebard.....Chicago, Ill
A. G. Hill.....Toronto, Ont
Blake C. Hooper.....St. Paul, Minn
Blake C. Howard.....St. Louis, Mo
J. B. Howard.....Boston, Mass
Murry C. Jacobs.....Seattle, Wash
Chas. M. Johnson.....Milwaukee, Wis
H. E. McCoy.....Pittsburgh, Pa
P. J. Murphy.....Winnipeg, Man
R. R. Nixon.....Chattanooga, Tenn
F. N. Phelps.....Cleveland, O
Nathaniel Platt.....New York, N. Y
D. S. Preston.....Montreal, Que
L. J. Riter.....Salt Lake City, Utah
Harry Sherer.....New York, N. Y
V. F. Shou.dis.....Chicago, Ill
DePeyster Stagg.....New York, N. Y
L. H. Staley.....New Orleans, La
H. A. Stevenson.....Cincinnati, O
H. W. Thompson.....Denver, Col
Harry R. Thurnberg...New York, N. Y
J. J. Tuite.....Indianapolis, Ind
E. R. Wall.....Birmingham, Ala
E. E. Wallace.....Buffalo, N. Y
C. H. Warren..... .....Cleveland, O
M. A. Watterson..... "
Fred'k Wehle.....Louisville, Ky
F. H. Whiting.....Denver, Col
F. L. Williamson.....Kansas City, Mo
M. M. Williamson.....Tulsa, Okla
R. E. Willis.....Detroit, Mich
W. B. Wroth.....Atlanta, Ga

BALDWIN LOCOMOTIVE WORKS, The
General Office, Philadelphia, Pa
Boston, Mass.—185 Devonshire St.
Chicago, Ill.—80 E. Jackson Blvd.
Houston, Tex.—2nd Natl. Bank Bldg.

(Continued on following page.)

BALDWIN LOCOMOTIVE WORKS, THE—Cont'd.
Mexico City, Mex.—2A Capuchinas 48.
New York, N. Y.—120 Broadway.
Pittsburgh, Pa.—Union Trust Bldg.
Portland, Ore.—No. Western Bk. Blg.
Richmond, Va.—Richmond Trust Bldg
St. Louis, Mo.—Boatmen's Bank Bldg
St. Paul, Minn.—Merch. Natl. Bk Bldg
San Francisco, Cal.—310 Sansome St.
Henry Bartlett.....Boston, Mass
A. J. Beuter.....Portland, Ore
Henry Blanchard.....St. Paul, Minn
P. G. Cheatham.....Mexico City, Mex
A. S. Goble.....St. Louis, Mo
C. E. Hale.....Pittsburgh, Pa
Russell A. Hey.....Houston, Tex
G. F. Jones.....Richmond, Va
James McNaughton.....New York, N. Y
M. Noble.....San Francisco, Calif
Chas. Riddell.....Chicago, Ill

BALKWILL MANGANESE CROSSING CO., Williamson Bldg., Cleveland, O
Stephen Balkwill, Pres..... "
T. P. Cagwin, Sec. & Treas. "
E. D. Rogers, V.-Pres..... "

BALL CHEMICAL CO.,
Fulton Bldg., Pittsburgh, Pa.
Chicago, Ill.—20 E. Jackson Blvd.
C. O. Taylor.....Chicago, Ill
H. G. Taylor.....Pittsburgh, Pa
J. M. Taylor..... "
D. B. Whittingham.....Cleveland, O

BARBER ASPHALT CO.,
1600 Arch St., Philadelphia, Pa
Chicago, Ill.—25 No. Dearborn St.
Kansas City, Mo.—Finance Bldg.
New York, N. Y.—233 Broadway.
Pittsburgh, Pa.—Peoples Savings Bk. Bldg.
St. Louis, Mo.—Internat'l Life Bldg.
San Francisco, Cal.—Phelan Bldg.
C. W. Bayliss, V.-Pres., Philadelphia, Pa
F. J. Chester, Dist. Mgr., Pittsburgh, Pa
C. O. Dowdell.....Chicago, Ill
C. M. Foster, Dist. Mgr.....San Francisco, Cal
Geo. D. Fowle.....Philadelphia, Pa
S. S. Gibney, Dist. Mgr., Kansas City, Mo
L. D. Lytle, Dist. Mgr.....St. Louis, Mo
F. F. Massey, Dist. Mgr., New York, N. Y
R. G. McKay, Dist. Mgr.....Chicago, Ill
J. E. Morris, Mgr. St. & Rd. Dept.....Philadelphia, Pa
T. Thomas, Sales Mgr.. "

BARCO MANUFACTURING CO.,
1801 Winnemac Ave., Chicago, Ill
Mexico, D. F.—3A, Palma 33, Apartado 76B.
Montreal, Que.—356 St. James St.
Toronto, Ont.—342 Adelaide St., W.
Vancouver, B. C.—81 Pender St., W.
Winnipeg, Man.—150 Princess St.
Arthur Allan.....Montreal, Que
F. N. Bard, Pres.....Chicago, Ill
W. J. Behlke, Dist. Sales Mgr.....St. Louis, Mo
D. M. Brown.....Montreal, Que
J. Holden.....Toronto, Ont
C. O. Jenista.....Chicago, Ill
R. P. Klein.....New York, N. Y
A. S. Lewis, Dist. Sales Mgr.....New York, N. Y
L. E. Livingston.....Ft. Worth, Tex
J. L. McLean.....Pittsburgh, Pa
C. L. Mellor, V.-Pres.....Chicago, Ill
F. B. Nugent.....St. Paul, Minn
J. T. Ross.....Chicago, Ill
F. Scott.....Vancouver, B. C
J. D. Scott.....Winnipeg, Man
Carl Holt Smith.....Mexico, D. F
Frank H. Stiles, Dist. Sales Mgr.....Boston, Mass
M. H. Weston, Dist. Sales Mgr.....San Francisco, Cal

BARRETT CO.,
40 Rector St., New York, N. Y
Birmingham, Ala.—Ave. C & So. 20th St
Boston, Mass.—11 Beacon St.
Chicago, Ill.—216 W. Monroe St.
Cleveland, O.—Hanna Bldg.
Kansas City, Mo.—R. R. Exch. Bldg.
Minneapolis, Minn.—1 19th Ave., So.
Montreal, Can.—2021 St. Hubert St.
Philadelphia, Pa.—36th St. & Gray's Ferry Rd.
Salt Lake City, Utah—10th St., West.
W. B. Alexander.....Boston, Mass
H. W. Flemming.....Birmingham, Ala
W. E. Goldman.....Philadelphia, Pa
Geo. B. McComb.....Kansas City, Mo
K. D. Miller.....Salt Lake City, Utah
F. S. Nichols.....New York, N. Y
H. B. Nichols.....Montreal, Can
G. R. Osterland.....Cleveland, O
P. K. Sheidler.....Chicago, Ill
Jas. B. Smith.....Minneapolis, Minn

BASSICK MFG. CO.,
2650 No. Crawford Ave., Chicago, Ill
Peter Gresser..... "

BEAUDRY COMPANY, INC.,
141 Milk St., Boston, Mass
New York, N. Y.—30 Church St.
Otto Abrahamsen.....Boston, Mass
W. A. Lueckel.....New York, N. Y
Archibald Parsons.....Boston, Mass

BENJAMIN ELECTRIC MFG. CO.,
General Office & Factory, 128 S. Sangamon St., Chicago, Ill.
Los Angeles, Cal.—I. W. Hellman Bldg.
New York, N. Y.—247 W. 17th St.
Pittsburgh, Pa.—5625 Baum Blvd.
St. Louis, Mo.—Victoria Bldg.
San Francisco, Cal.—448 Bryant St.
Seattle, Wash.—L. C. Smith Bldg.
Birch Addington.....Chicago, Ill
D. V. Budden.....New York, N. Y
Rits Campbell.....Toledo, O
T. W. Carlson.....Seattle, Wash
W. A. Gale.....Cincinnati, O
E. R. Gosswiller.....Dallas, Tex
C. B. Harlow, Sales Mgr. Cent. Div.....Chicago, Ill
H. H. Hauge.....Wauwatosa, Wis
R. S. Iremonger.....New York, N. Y
G. J. Kalwitz.....Chicago, Ill
R. G. Kittle.....New York, N. Y
B. G. Kodjbanoff, Mgr.. "
L. W. Lawrence.....Braintree, Mass
C. O. Martin.....San Francisco, Cal
T. F. McDonough.....Los Angeles, Cal
R. C. Mons.....Chicago, Ill

(*Continued on following page.*)

BENJAMIN ELECTRIC MFG. CO.—Continued.
C. Ostrom.....Pittsburgh, Pa
J. S. Patrick.....Boston, Mass
H. W. Paul.....Syracuse, N. Y
R. M. Prior.....Detroit, Mich
Elliott Ranney.....Westfield, N. J
E. T. Rees.....Indianapolis, Ind
A. Schmeidler.....New York, N. Y
R. C. Sherman.....Philadelphia, Pa
M. F. Steel, Mgr.....San Francisco, Cal
I. H. Stockel.....Minneapolis, Minn
M. L. Tice.....Birmingham, Ala
M. H. Trimble..... Buffalo, N. Y
O. C. Westberg.....St. Louis, Mo
J. T. Whitehead.....New York, N. Y
J. B. Wright .....Baltimore, Md

BERRY BROTHERS, Detroit, Mich
Brooklyn, N. Y.—59 Pearl St.
San Francisco, Cal.—252 First St.
C. H. Adams.....San Francisco, Cal
W. F. Bartz, Mgr. Ry. Dept. Detroit, Mich
T. J. Campbell.....Brooklyn, N. Y

BESLY & CO., CHAS. H.,
118-124 N. Clinton St., Chicago, Ill
Raymond E. Beimer..... "
Eugene L. Beisel..... "
Garfield Black ..... "
Murdock Campbell..... "
John C. Curns..... "
J. S. Dodd..... "
O. C. Hansen .... "
L. E. Jacobs ..... "
C. A. Knill. ..... "
Charles H. Munch ..... "
E. P. Welles..... "
Arthur C. Wolfrum..... "
Ralph W. Young..... "

BEST CORP., W. N.,
11 Broadway, New York, N. Y
Baltimore, Md.—404 St. Paul St.
Boston, Mass.—201 Devonshire St.
Chicago, Ill.—15 No. Jefferson St.
Cleveland, O.—National Bldg.
Philadelphia, Pa.—1015 Chestnut St.
Pittsburgh, Pa.—Fulton Bldg.
Providence, R.I.—Industrial Tr. Bldg.
Samuel Arnold, 3d.....Pittsburgh, Pa
Thomas Burke.....Providence, R. I
A. M. Hart.....Cleveland, O
D. Hurley .....Boston, Mass
C. J. Peters.....Baltimore, Md
H. F. Sanville .....Philadelphia, Pa
A. L. Whittemore.....Chicago, Ill

BETHLEHEM STEEL CO.,
Bethlehem, Pa
Atlanta, Ga.—Healey Bldg.
Baltimore, Md.—Continental Bldg.
Boston, Mass.—Atlantic Nat. Bk. Bldg
Buffalo, N. Y.—Marine Trust Bldg.
Chicago, Ill.—122 So. Michigan Ave.
Cincinnati, O.—Union Trust Bldg.
Cleveland, O.—Union Trust Bldg.
Detroit, Mich.—Penobscot Bldg.
Los Angeles, Cal.—Pac. Finance Bldg.
New York, N. Y.—25 Broadway.
Philadelphia, Pa.—Widener Bldg.
Pittsburgh, Pa.—Oliver Bldg.
St. Louis, Mo.—Chemical Bldg.
San Francisco, Cal.—Matson Bldg.
Seattle, Wash.—L. C. Smith Bldg.
Washington, D. C.—Wilkins Bldg.
D. A. Barkley, Pig Iron Dept.....Bethlehem, Pa
R. E. Belknap.....Boston, Mass
G. H. Blakeley, Structural } Bethlehem, Pa
Dept .....
C. E. Chamberlin, Tool Steel Dept..... "
J. C. Chandler.....Cleveland, O
Wm. Chapman.....St. Louis, Mo
W. C. Cutler, Bar Steel Dept.....Bethlehem, Pa
J. A. Davis.....Baltimore Md
J. M. Des Islets, Steel Car Div.....Bethlehem, Pa
J. M. Ellis.....New York, N. Y
Thos. J. Fitzgibbons, Drop } Bethlehem, Pa
Forgings Dept.....
R. W. Gillispie, Asst. Mgr. Struct. & Plate Sales..... "
E. E. Goodwillie ....San Francisco, Cal
H. E. Gray..... "
P. H. Hampson.....Bethlehem, Pa
J. S. Hegeman.....Detroit, Mich
John F. Hennessy.....Chicago, Ill
E. S. Illig.....Buffalo, N. Y
W. B. Kennedy.....Philadelphia, Pa
Chas. P. King .....Atlanta, Ga
Edward S. Knisely, Gen. Sales Agt.....Bethlehem, Pa
E. R. Leonard..... Washington, D. C
Paul Mackall, Asst. Gen. Sales } Bethlehem, Pa
Agt.....
J. P. Madden, Machy. Dept. "
J. E. McLain.....Pittsburgh, Pa
B. F. McMahon, Sheet & Tin Plate Dept.....Bethlehem, Pa
L. B. Morris..... Los Angeles, Cal
David Newhall, Steel Car Dept.....New York, N Y
John H. Richards.....Cincinnati, O
R. V. Sage, Steel Car Dept... } Bethlehem, Pa
Neil E. Salsich, Track Dept.. }
W. H. Scott, Jr.....Seattle, Wash
L. R. Steuer, Wire & Wire Rod } Bethlehem, Pa
Dept.....
H. E. Stoll, Rail Dept..... "
G. W Struble, Mgr. Machy. & Steel Car Div..... "
H. A. Wagner, Bolt & Nut Dept. "
H. G. Walton, Wheel & Axle Dept..... "
C. S. Watson, Truck Wheel Dept "
H. F. Weaver, Forgings Dept... "

BETTENDORF COMPANY,
General Office & Works. Bettendorf, Ia.
Chicago, Ill.—332 So. Michigan Ave.
New York, N. Y.—Grand Cent. Term.
Peter P. Beck, Sales Agt. New York, N. Y
J. H. Bendixen, V.-Pres. & Mgr. of Sales.....Bettendorf, Ia
J. W. Bettendorf, Pres. & Treas..... "
C. J. W. Clasen, Asst. Sales Mgr..... "
K. M. Hamilton, Mech. & Sales Eng .....Chicago, Ill
F. K. Shults, Sales Agt.. New York, N. Y

BINKS SPRAY EQUIPMENT CO.,
3124 Carroll Ave., Chicago, Ill
Atlanta, Ga.—Candler Bldg.
Boston, Mass.—161 Summer St.
Cleveland, O.—Leader-News Bldg.
Detroit, Mich.—7366 14th Ave.
Kansas City, Mo.—1537 Chelsea Ave.
Milwaukee, Wis.—339 Mineral St.
Nashville, Tenn.—1141 Broadway.
New York, N. Y.—378 Ford St.
Pittsburgh, Pa.—Fitzsimmons Bldg.
Quincy, Ill.—1002 Kentucky Ave.
Webster Groves, Mo.—437 Greeley St,

T. E. Barner.....Atlanta, Ga
H. D. Binks, Pres.....Chicago, Ill
W. E. Blain.....Concordsville, Pa
A. Christenson.....Chicago, Ill
H. J. Dueno..... "
R. L. Fisher.....Cleveland, O
J. A. George.....New York, N. Y
V. G. Green.....Milwaukee, Wis
A. M. Guenther....Webster Groves, Mo
W. S. Keenan.....Chicago, Ill
W. A. Merrill.....Kansas City, Mo
G. E. Reinert.....Quincy, Ill
F. R. Schramke.....Chicago, Ill
O. D. Soellner, Mgr. Ind. Sales "
M. Sullivan, Sales Mgr..... "
F. F. Taylor.....Detroit, Mich
R. W. Tripp.....Boston, Mass
F. Van DeBogert.....Chicago, Ill
Ray Wallace.....Boston, Mass
F. T. Watson.....Nashville, Tenn
G. E. Wilcox.....Pittsburgh, Pa

BIRD-ARCHER CO.,
33 Rector St., New York, N. Y
Chicago, Ill.—122 So. Michigan Ave.
Cobourg, Canada—Second St.
Kingston, Pa.—1508 Wyoming Ave.
Mexico D. F.—Avenida Uraguay 55.
Montreal, Can.—McGill Bldg.
Moose Jaw, Can.—1063 Chestnut Ave.
Philadelphia, Pa.—4337 No. Amer. St.
St. Louis, Mo.—Frisco Bldg.
Toronto, Can.—381 Willard Ave., W.

C. A. Bird, V.-Pres. & C. M. E.....New York, N. Y
P. B. Bird, Pres..... "
H. V. Booth, Sec..... "
John L. Callahan.....Chicago, Ill
Geo. E. Chollar.....St Louis, Mo
J. J. Clifford.....Chicago, Ill
F. A. Cross.....Souris, Man
T. H. Desmond.....Philadelphia, Pa
Chas. A. Dezendorf....Cobourg, Canada
H. C. Harragin.....Montreal, Can
J. C. Hutton.....Toronto, Can
H. P. Mauer.....Jacksonville, Fla
J. A. McFarland, V.-Pres..St. Louis, Mo
C. J. McGurn.....Chicago, Ill
Geo. L. Miner.....Mexico, D. F
David A. Moffat.....Kingston, Pa
L. Morehouse, Treas...New York, N. Y
T. A. Peacock.....Moose Jaw, Canada
W. E. Ridenour, V.-Pres. & Ch. Chemist.....Philadelphia, Pa
J. B. Shermer..... "
L. F. Wilson, V.-Pres. & Gen. Mgr.....Chicago, Ill

BIRDSBORO STEEL FOUNDRY & MACHINE CO. Birdsboro, Pa
New York, N. Y.—90 West St.

Robt. E. Brooke, Pres....Birdsboro, Pa
Gordon Buchanan.....New York, N. Y
R. A. Cannon, Mgr. Car & Casting Sales.....Birdsboro, Pa
H. P. Laussucq, Mgr. Hydraulic Sales..... "
John E. McCauley, V.-Pres. & Gen. Mgr..... "
Edw. Petersen, Ch. Eng.. "
Marshall Post, Wks. Mgr. "

BLACKALL, ROBERT H.,
Farmers Bank Bldg., Pittsburgh, Pa
Chicago, Ill.—122 So. Michigan Ave.
Detroit, Mich.—Ford Bldg.
Los Angeles, Cal.—451 E. Third St.
Montreal, Que.—350 St. James St.
New York, N. Y.—5 E. 42nd St.
Norfolk, Va.—Natl. Bk. Com. Bldg.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—113 North 2nd St.
St. Paul, Minn.—Merch. Nat. Bk. Bldg
San Francisco, Cal.—637 Mission St.
Washington, D. C.—Munsey Bldg.

R. H. Blackall.....New York, N. Y
Harvey T. Clark.....Pittsburgh, Pa
Dickson K. Coyle..... "
G. H. Goodell.....St. Paul, Minn
A. P. Grenier..... "
N. J. Holden.....Montreal, Que
F. L. Ingraham.....Chicago, Ill
Robt. W. Jamison...San Francisco, Cal
A. D. McAdam.....Detroit, Mich
George McP. Minetree, Washington, D.C
Robert Nutt.....Norfolk, Va
C. G. Rank.....St. Paul, Minn
J. C. Reed.....St. Louis, Mo
Lombard J. Smith.....Los Angeles, Cal
E. T. Wade.....Richmond, Va

BLAW-KNOX CO.,
Blawnox, Pittsburgh, Pa
Baltimore, Md.-Bayard & Warner Sts.
Birmingham, Ala.-Brown-Marx Bldg.
Buffalo, N. Y.—Genesee Bldg.
Chicago, Ill.—122 So. Michigan Ave.
Cleveland, O.—Union Bldg.
Detroit, Mich.—Lincoln Bldg.
New York, N. Y.—30 E. 42nd St.
Philadelphia, Pa.—Colonial Tr. Bldg

T. M. Avery.....New York, N. Y
H. A. Camlin.....Chicago, Ill
L. L. Cassard.....Buffalo, N. Y
J. M. Coleman.....New York, N. Y
H. O. Davidson.....Blawnox, Pa
J. A. Dittrich.....New York, N. Y
Wm. P. Favorite.....Detroit, Mich
J. H. Flynn.....Blawnox Pa
H. B. Fuller.....Cleveland, O
R. W. Hambleton.....Baltimore, Md
Robt. T. Harris..... "
J. W. Hemmerle.....Philadelphia, Pa
Peter Herb.....New York, N. Y
Arnold Hooper.....Pittsburgh, Pa
P. V. Kelly.....Birmingham, Ala
H. O. Korff.....Baltimore, Md
H. B. Loxterman.....Blawnox Pa
J. C. McQuide.....Chicago, Ill
O. A. Olsiad.....New York, N. Y
J. G. Riley.....Birmingham, Ala

(Continued on following page.)

BLAW-KNOX CO.—Continued.
Arnold M. Rose.....Chicago, Ill
Gustave Schirmer..... "
W. H. Schutte..... "
R. D. Spradling..... "
R. A. Wholley.....New York, N.Y

BOSS BOLT & NUT WORKS,
DIVISION OF
The Hoopes & Townsend Corp.,
3403 West 47th St., Chicago, Ill
Dallas, Tex.—Dallas Co. Bk. Bldg.
Detroit, Mich.—Ft. Meldrum Ave.
New Orleans, La.—Canal-Com'l Bldg
New York, N. Y.—17 Battery Place.
St. Louis, Mo.—Ry. Exchange Bldg.
St. Paul, Minn.—Merchants Bk. Bldg.
Justin Burns, Pres.....Columbus, O
T. W. Callahan.....St. Paul, Minn
Harry R. Davies.....New Orleans, La
C. H. Gallrein.....Dallas, Tex
R. H. Hill.....Detroit, Mich
A. W. MacLean.....Chicago, Ill
A. F. McCoole.....St. Louis, Mo
Fred K. Shults.....New York, N. Y
W. G. Wilcoxson.....Chicago, Ill

BOSTWICK-LYON BRONZE CO.,
See Chicago Bearing Metal Co.

BOWSER & CO., INC., S. F.,
Ft. Wayne, Ind
Albany, N. Y.—1013 Broadway.
Atlanta, Ga.—Candler Bldg.
Baltimore, Md.—211 Mt. Royal Ave.
Boston, Mass.—Colonial Bldg.
Buffalo, N. Y.—Ellicott Square Bldg.
Chicago, Ill.—1052 Ogden Ave.
Cincinnati, O.—Blymyer Bldg.
Cleveland, O.—7113 Euclid Ave.
Dallas, Tex.—1815 No. Market St.
Denver, Col.—Majestic Bldg.
Detroit, Mich.—25 Brady St.
Harrisburg, Pa.—Commonwealth Bldg
Kansas City, Mo.—1330 McGee St.
Los Angeles, Cal.—1229 So. Olive St.
Milwaukee, Wis.—122 Reservoir Ave.
Minneapolis, Minn.—Builders' Exch.
New Orleans, La.—822 Poydras St.
New York, N. Y.—19 W. 44th St.
Omaha, Neb.—Brandeis Theatre Bldg
Philadelphia, Pa.—1814 No. 15th St.
St. Louis, Mo.—Syndicate Tr. Bldg.
San Francisco, Cal.—425B rannan St.
Toronto, Ont.—52 Fraser Ave.
H. E. Anderson, Div. Mgr...Albany, N. Y
S. B. Bechtel, Pres. & Gen. Mgr.....Ft. Wayne, Ind
S. F. Bowser, Chman.... "
H. W. Brown, Dist. Mgr....Chicago, Ill
Harry Christie, Can. Mgr. Toronto, Ont
E. W. Cline, Dist. Mgr...Baltimore, Md
R. G. Conklin, Dist. Mgr.....Minneapolis, Minn
V. W. Davies, Traf. Mgr. Ft. Wayne, Ind
A. W. Dorsch, Div. Mgr.....Atlanta, Ga
J. L. Doyle, Dist. Mgr.....Denver, Col
O. E. Dustman.....Los Angeles, Cal
W. F. Eastman, Dist. Mgr..Buffalo, N. Y
G. C. Gray, Dist. Mgr. New Orleans, La
W. E. Grooms, Dist. Mgr..St. Louis, Mo
E. M. Harshbarger, Dist. Mgr.....New York, N. Y
C. L. Hobrock, Dist. Mgr. Milwaukee, Wis
D. W. Kingsley, Mgr.....Detroit, Mich
T. D. Kingsley, Asst. Gen. Mgr.....Ft. Wayne, Ind
E. W. Knobloch.....New York, N. Y
H. W. Luhmann, Dist. Mgr. Boston, Mass
L. P. Murray, Div. Mgr.....Omaha, Neb
J. P. O'Neil, Div. Mgr...Harrisburg, Pa
L. E. Porter, Treas.....Ft. Wayne, Ind
T. C. Potts, Dist. Mgr.....Cleveland, O
C. H. Priney, Dist. Mgr..Kansas City, Mo
R. R. Safford, Div. Mgr....Dallas, Tex
E. M. Savercool, Western Mgr.....San Francisco, Cal.
E. Steinhauser, Dist. Mgr. Cincinnati, O
H. C. Storr, Div. Mgr...Ft. Wayne, Ind
I. L. Walker, Dist. Mgr. Philadelphia, Pa

BRADFORD CORPORATION,
25 West 43rd St., New York, N. Y
Atlanta, Ga.—Candler Bldg.
Chicago, Ill.—80 E. Jackson Blvd.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—Rialto Bldg.
Washington, D. C.—Munsey Bldg.
Edward H. Barnes, Sec.....Atlanta, Ga
E. J. Barnett.....Chicago, Ill
Geo. W. Bender..... "
A. C. Bodeau.....St. Louis, Mo
R. W. Chambers.....Chicago, Ill
W. C. Doering, V.-Pres..... "
W. W. Fetner..... "
W. J. Harahan, Jr.....New York, N. Y
John C. Keene.....Chicago, Ill
Geo. L. Kilmer.....New York, N. Y
J. S. King, Jr.....Chicago, Ill
H. F. Lowman, V.-Pres. Washington, D. C
Floyd K. Mays, V.-Pres. New York, N. Y
I. T. Mays..... "
Burton Mudge, Exec. V.-Pres. Chicago, Ill
E. L. Nusz, Asst. Gen. Mgr.....New York, N. Y
Wm. D. Otter.....Chicago, Ill
Horace Parker, Pres...New York, N. Y
A. L. Pearson, Gen. Mgr....Chicago, Ill
H. C. Priebe, Consult. Eng.... "
Lewis B. Rhodes.....Washington, D. C
T. E. Rodman.....Chicago, Ill
W. W. Rosser, V.-Pres. San Francisco, Cal
E. H. Smith.....New York, N. Y
R. S. Smith, Treas..... "
A. F. Stuebing, Ch. Eng. "
B. C. Wilkerson..... "

BRADLEY WASHFOUNTAIN CO.,
Milwaukee, Wis
W. W. Bonns.....Indianapolis, Ind
C. K. Cairns.....Cincinnati, O
A. C. Cooper.....New York, N. Y
A. S. Hall.....Worcester, Mass
E. W. Kirby.....Pittsburgh, Pa
C. N. Leet.....Chicago, Ill
J. F. Leonard.....Richmond, Va
D. A. MacLeod.....Buffalo, N. Y
F. R. Peck.....Los Angeles, Cal
A. Hicks.....Philadelphia, Pa
G. H. Trask.....San Francisco, Cal

BREWSTER, INC., MORRIS B.,
332 So. Michigan Ave., Chicago, Ill
Boston, Mass.—375 Broadway.
John Ash.....Chicago, Ill
Morris B. Brewster, Pres. & Gen. Mgr..... "
L. A. Whiting.....Boston, Mass

BRILL COMPANY, THE, J. G.,
Automotive Car Division,
62nd & Woodland Ave., Philadelphia, Pa.
Minneapolis, Minn.—316 1st Ave., N. E
St. Louis, Mo.—1518 So. Vandeventer Ave.
San Francisco, Cal.—Rialto Bldg.
E. T. Bronenkamp.....St. Louis, Mo
D. W. Dodge.....San Francisco, Cal
C. S. Dovey.....Philadelphia, Pa
C. O. Guernsey..... "
A. W. Holbrook..... "
A. H. Hudson..... "
F. A. Keihn..... "
A. F. McCormick.....St. Louis, Mo
C. J. McPherson.....Philadelphia, Pa
C. B. Schade..... "
Telford K. Thompson.....Minneapolis, Minn

BRONZE METAL CO.,
30 Church St., New York, N. Y
Arthur N. Dugan, V.-Pres. "
Frank H. Senn, Sec. & Treas. "
Alexander Turner, Pres. "

BROWN HOISTING MACHINERY CO.,
4403 St. Clair Ave., Cleveland, O
Chicago, Ill.—208 S. La Salle St.
New Orleans, La.—Whitney-Central Bldg.
New York, N. Y.—50 Church St.
Pittsburgh, Pa.—Oliver Bldg.
San Francisco, Cal.—Monadnock Bldg
Henry Andrews.....New York, N. Y
H. Blennerhasset....San Francisco, Cal
Alex. C. Brown, Pres.....Cleveland, O
C. W. Brown..... "
J. P. Case, Sales Mgr..... "
J. E. Chinnock..... "
C. C. Dancer.....Chicago, Ill
Richard Devens, Mgr...New York, N. Y
J. P. Dowd.....Cleveland, O
H. B. Fisher.....New York, N. Y
J. B. Hayden.....Cleveland, O
H. E. Hayes..... "
Harold Knight.....Pittsburgh, Pa
A. R. Leeds.....Cleveland, O
R. L. Lockwood.....New York, N. Y
A. P. Lyvers.....Chicago, Ill
G. L. Moon.....Cleveland, O
Melvin Pattison, Gen. Mgr. "
J. E. Peppard..... "
J. F. Poland, Mgr.....Chicago, Ill
W. T. Simpson.....Cleveland, O
W. H. Smith..... "
E. W. Taylor, Mgr.....Pittsburgh, Pa
C. H. White, Mgr.....New Orleans, La
H. D. Wright, Mgr...San Francisco, Cal

BROWNING CRANE CO., THE
16226 Waterloo Rd., Cleveland, O
Chicago, Ill.—122 So. Michigan Ave.
New York, N Y.—50 Church St.
M. W. Allen.....Cleveland, O
M. J. Blair.....Chicago, Ill
D. C. Harris.....Pittsburgh, Pa
J. C. Houston.....New York, N. Y
L. B. Janes.....Cleveland, O
J. F. Levay.....Birmingham, Ala
R. G. Miller, Jr., Sales Mgr. Cleveland, O
R. A. Parkinson.....Philadelphia, Pa
H. K. Robinson.....St Louis, Mo
W. H. Waite .....New York, N. Y
M. H. Williams.....Cleveland, O

BRUBAKER & BROS. CO., W. L.,
Millersburg, Pa
New York, N. Y.—50 Church St.
Philadelphia, Pa.—3758 No. 18th St.
J. A. W. Brubaker, Pres.,
Treas. & Gen. Mgr ....Millersburg, Pa
H. B. Morrison.....Philadelphia, Pa
W. S. Rose, Gen. Sales Mgr. New York, N. Y

BRYANT ELECTRIC CO.,
Bridgeport, Conn
Chicago, Ill.—844 W. Adams St.
New York, N. Y.—342 Madison Ave.
San Francisco, Cal.—149 New Montgomery St.
H. C. Brown.....Utica, N. Y
H. D. Burns.....Los Angeles, Cal
F. B. Chapman, Eastern Sales Mgr.....Bridgeport, Conn
W. O. Dahlstrom.....Chicago, Ill
E. L. Durgan.....W. Boylston, Mass
R. M. Eames, Gen. Sales Mgr.....Bridgeport, Conn
H. B. Ennis.....New York, N. Y
A. W. Ferris..... "
A. C. Flather.....Bridgeport, Conn
C. W. Foster.....Chicago, Ill
S. P. Foster, Exp. Mgr. Bridgeport, Conn
N. E. Hayter.....Atlantic, Mass
W. O. Jaudon.....Atlanta, Ga
R. G. Montgomery.....Baltimore, Md
W. E. Nourse.....Wollaston, Mass
W. M. Phillips.....Philadelphia, Pa
C. E. Roberts.....Chicago, Ill
H. E. Sanderson, Pacific Coast Mgr.....San Francisco, Cal
W. A. Stacey, Western Mgr. Chicago, Ill
J. W. Thomas..... "
C. P. Tull.....Philadelphia, Pa
G. H. Williams, Dist. Mgr. New York, N. Y

BUCKEYE STEEL CASTINGS CO.,
Columbus, O.
Chicago, Ill.—80 E. Jackson Blvd.
Louisville, Ky.—Starks Bldg.
New York, N. Y.—50 Church St.
St. Paul, Minn.—Merchants Bank Bldg
J. G. Bower.....New York, N. Y
S. P. Bush.....Columbus, O
F. J. Cooledge.....Chicago, Ill
G. T. Johnson.....Columbus, O
J. C. Larsen..... "
G. A. Macpherson.....St. Paul, Minn
W. W. Matchneer.....Columbus, O
M. S. Simpson.....Louisville, Ky
G. A. Sutherland.....Chicago, Ill
J. C. Whitridge.....Columbus, O

BUDA COMPANY, Harvey, Ill
Chicago, Ill.—80 E. Jackson Blvd.
Jacksonville, Fla.—Lutz Bldg.
New Orleans, La.—Carondelet Bldg.
New York, N. Y.—30 Church St.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—664 Mission St.
J. L. Artmaier, Sales Mgr...Chicago, Ill
Harry P. Bayley, Asst. G. M., Headlight Dept.....Harvey, Ill
H. C. Beebe.....Cincinnati, O
R. M. Blackburn.....Chicago, Ill
A. L. Bliss.....Jacksonville, Fla
Richard Breitenfeld.....Harvey, Ill
H. S. Brown..... "

(Continued on following page.)

BUDA COMPANY—Continued.
C. H. Bull, Western Sales Mgr.....San Francisco, Cal
E. D. Conant, V.-Pres.....Harvey, Ill
A. H. Deimel.....Chicago, Ill
R. B. Fisher, V. Pres.....Harvey, Ill
J. J. Gard..... "
C. H. Henel.....New York, N. Y
G. W. Hoover, Eastern Sales Mgr..... "
W. P. Hunt, Sec.....Chicago, Ill
F. W. Marvel.....Harvey, Ill
John R. Mayeskie..... "
H. L. Miller, Ch. Eng..... "
F. E. Place, Sr. V.-Pres..... "
Mark A. Ross, Gen. Mgr., Headlight Dept..... "
G. A. Secor.....Chicago, Ill
H. M. Sloan, V.-Pres. & Treas. Harvey, Ill
Harold B. Smith.....Jacksonville, Fla
L. O. Stratton, Dist. Sales Mgr.....St. Louis, Mo
N. C. Study.....New York, N. Y
Frank R. Taggart.....Pittsburgh, Pa
L. M. Viles, Pres.....Harvey, Ill
A. J. Walch.....Chicago, Ill
E. H. Walker..... Harvey, Ill
J. H. Weare.....St. Louis, Mo
Wm. S. Weston.....Dallas, Tex
C. W. Wood.....New Orleans, La
P. W. Wood..... "

BUFFALO BRAKE BEAM CO.,
32 Nassau St., New York, N. Y.
Houston, Tex.—2nd Nat'l Bk. Bldg.
St. Louis, Mo.—Syndicate Trust Bldg.
St. Paul, Minn.—Nat'l Exch. Bk. Bldg.
Washington, D. C.—Union Trust Bldg
C. R. Busch.....New York, N. Y
A. E. Crone.....Buffalo, N. Y
S. A. Crone.....New York, N. Y
V. F. De Vinny.....St. Paul, Minn
E. Gladwell.....Buffalo, N. Y
A. Gordon Jones.....Washington, D. C
J. L. Logan.....New York, N. Y
Jos. Maricle.....Hamilton, Ont
O. W. Meissner.....Montreal, Que
C. B. Porter.....Houston, Tex
Edwin Strassburger.....St. Louis, Mo

BUFFALO STEEL CAR CO.,
Buffalo, N. Y
Jos. G. Dudley, Sec..... "
T. Fratcher, Asst. Sec. & Asst. Treas..... "
J. A. Shafer, V.-Pres..... "
F. M. Wills, Pres. & Treas. "

BURDEN IRON CO., —R. R. & S. S. DIV.,
Mill—Troy, N. Y.
Chicago, Ill.—80 E. Jackson Blvd.
New York, N. Y.—Grand Cent. Term.
John C. Kuhns.....Chicago, Ill
John J. O'Fallon.....St. Louis, Mo
H. A. Paarman, Sec....New York, N. Y
C. B. Porter.....Houston, Tex

CABOT, INC., SAMUEL
141 Milk St., Boston, Mass
Chicago, Ill.—5000 Bloomingdale Ave.
New York, N. Y.—342 Madison Ave.
Horace D. Bradford....New York, N. Y
Edward A. Foster.....Boston, Mass
Jos. R. Gillis..... "
David R. Gordon.....New York, N. Y
E. Maurer..... "
Raymond J. Ott.....Boston, Mass
Harry M. Stevens..... "
Everett G. Thompson..... "
Wm. H. Traugott.....Chicago, Ill
O. P. Voelker..... "
A. H. Weig..... "

CAMEL COMPANY,
332 S. Michigan Ave., Chicago, Ill
Hugh E. Creer, V.-Pres..... "
W. W. Darrow, Pres. ..... "
A. G. Dohm..... "
C. E. Eklind, Sales Eng..... "
T. H. Goodnow, V.-Pres..... "
F. C. Heinen..... "
J. M. Hopkins, Ch. of Board. "
K. I. Tobin, Mech. Eng..... "
A. B. Wegener, Sec. & Treas. "

CARBO-OXYGEN CO.,
Benedum-Trees Bldg., Pittsburgh, Pa
Bayonne, N. J.—Oak & Hobart Sts.
Buffalo, N. Y.—Walden Ave.
Chicago, Ill.—104th St. & Torrence Ave
Cleveland, O.—Center & Hemlock Sts
Columbus, O.—Ft. of Buttles Ave.
Erie, Pa.—12th & Raspberry Sts.
W. F. Gallagher, D. S. M.....Erie, Pa
E. E. Garland, D. S. M....Bayonne, N. J
W. A. Griffith, D. S. M.....Buffalo, N. Y
A. C. Hager, D. S. M.....Columbus, O
C. R. Inks, D. S. M.....Cleveland, O
G. D. Loughner, D. S. M....Pittsburgh, Pa
W. J. McDillon, D. S. M.....Chicago, Ill
V. F. Schrubb, D. S. M. R. R.
Serv. Dept.....Meadville, Pa
F. A. Wirth, Gen. Sales Mgr.....Pittsburgh, Pa

CARBORUNDUM CO.,
Niagara Falls, N. Y.
Boston, Mass.—321 Summer St.
Chicago, Ill.—111 No. Canal St.
Cincinnati, O.—308-310 Main St.
Cleveland, O.—1262 Ontario St.
Detroit, Mich.—1915 W. Fort St.
Grand Rapids, Mich.—Leonard Bldg.
Milwaukee, Wis.—251 E. Water St.
New York, N. Y.—15 Laight St.
Philadelphia, Pa.—4865 Stenton Ave.
Pittsburgh, Pa.—37 Water St.
R. A. Beverly.....Chicago, Ill
H. W. Collinson, Mgr. Milwaukee, Wis
S. F. Courter, Mgr.....Philadelphia, Pa
A. Dobson, Mgr.....Detroit, Mich
O. C. Dobson, Mgr.....Pittsburgh, Pa
H. Fowler, Mgr.....Cincinnati, O
J. W. Fraser.....Pittsburgh, Pa
F. E. Gridley, Mgr.....Chicago, Ill
F. P. Hall, Mgr.....Cleveland, O
F. J. Harrington, Mgr., New York, N. Y
C. E. Hawke, Mgr. Refractory Sales..Perth Amboy, N. J
J. H. Jackson.....Chicago, Ill
J. A. King.....Boston, Mass
W. E. Knott.....Chicago, Ill
A. A. Lees.....Pittsburgh, Pa
R. S. Marvin, Mgr. R. R. Sales.....Niagara Falls, N. Y
W. S. McConnell Mgr. Grand Rapids, Mich
J. E. Rayner, Mgr.....Boston, Mass
W. W. Sanderson, Gen. Sales Mgr.....Niagara Falls, N. Y

CARNEGIE STEEL CO.,
434 Fifth Ave., Pittsburgh, Pa
Birmingham, Ala.-2000 First Ave., No.
Boston, Mass.—120 Franklin St.
Buffalo, N. Y.—233 Main St.
Chicago, Ill.—208 So. La Salle St.
Cincinnati, O.—4th & Walnut Sts.
Cleveland, O.-704 Superior Ave., N.W.
Denver, Col.—17th & Stout Sts.
Detroit, Mich.—535 Griswold St.
Los Angeles, Cal.—2087 E. Slauson Ave.
New Orleans, La.—921 Canal St.
New York, N. Y.—71 Broadway.
Philadelphia, Pa.—Juniper & Chestnut Sts.
Portland, Ore.—6th & Adler Sts.
St. Louis, Mo.—506 Olive St.
St. Paul, Minn.—4th & Robert Sts.
San Francisco, Cal.—New Montgomery & Mission Sts.
Seattle, Wash.—4th Ave. So. & Conn. St.
Jas. B. Bonner, Mgr. Sales.....Philadelphia, Pa
Edw. Bray.....Seattle, Wash
D. T. Buffington, Spec. Sales Agt.....Chicago, Ill
R. B. Carr, Mgr. Sales. San Francisco, Cal
Chas. C. Cluff, Mgr. Sales. New York, N. Y
D. Crowley, Jr., Mgr. Sales.....New Orleans, La
F. C. Deming, Mgr. Sales..Buffalo, N. Y
E. R. Eldredge, Mgr. Sales. Portland, Ore
A. M. Harper, Mgr. Sales. Pittsburgh, Pa
S. R. Hoover, Asst. Gen. Mgr. Sales..... "
W. S. Locke, Mgr. Sales...Boston, Mass
Edw. S. Mills, Mgr. Sales...Chicago, Ill
Jas. R. Mills, Mgr. Sales...Cleveland, O
W. P. Siebert, Asst. Gen. Mgr. Sales.....Pittsburgh, Pa
B. W. Smith.....Los Angeles, Cal
Edw. M. Sparhawk, Mgr. Sales.....Denver, Col
W. J. Totten, Mgr. Sales..St. Paul, Minn
Geo. H. Vant, Mgr. Sales..Cincinnati, O
W. B. Weston, Mgr. Sales..Detroit, Mich
S. W. Wheelock, Mgr. Sales..St. Louis, Mo
W. Wilson, Mgr. Sales. Birmingham, Ala
C. L. Wood, Gen. Mgr. Sales.....Pittsburgh, Pa
John E. Woods, Asst. Gen. Mgr. Sales..... "

CASTLE, JAMES M., INC.,
1718 Vine St., Philadelphia, Pa
Baltimore, Md.—American Bldg.
Los Angeles, Cal.-1161 No. Serrano Ave
Richmond, Va.—8 Governor St.
Washington, D. C.—Munsey Bldg.
Williamsport, Pa.—744 Park Ave.
York, Pa.—711 Chestnut St.
A. W. Abbott.....York, Pa
R. E. Andros.....Washington, D. C
I. J. Forsyth.....Baltimore, Md
D. W. Graham.....Richmond, Va
T. J. Glennon.....Trenton, N. J
L. D. Grant.....Los Angeles, Cal
W. H. Rote.....Williamsport, Pa
J. B. Ryder.....Philadelphia, Pa
R. S. Wallace.....Harrisburg, Pa
R. D. Zimmerman.....Shamokin, Pa

CELOTEX CO.,
645 No. Michigan Ave., Chicago, Ill
New York, N. Y.—101 Park Ave.
J. H. Bracken, Mgr. R. R. Sales.....Chicago, Ill
G. R. McVay, Asst. Mgr. R. R. Sales..... "
J. H. Thomas, Eastern Rep.....New York, N. Y

CENTRAL IRON & STEEL CO.,
Harrisburg, Pa
Baltimore, Md.—Continental Bldg.
Boston, Mass.—131 State St.
Chicago, Ill.—624 So. Michigan Blvd.
Cleveland, O.—Hanna Bldg.
El Paso, Tex.—Martin Bldg.
Ft. Worth, Tex.—F. & M. Bk. Bldg.
Los Angeles, Cal.—Pershing Sq. Bldg
Montreal, Que.—232 St. James St.
New York, N. Y.—Evening Post Bldg.
Philadelphia, Pa.—Stock Exch. Bldg.
Pittsburgh, Pa.—Commonwealth Bldg
San Francisco, Cal.—22 Battery St.
Seattle, Wash.—L. C. Smith Bldg.
Syracuse, N. Y.—Seitz Bldg.
H. G. Austin, Dist. Sales Mgr. Boston, Mass
R. C. Barton.....Pittsburgh, Pa
D. R. Black, Dist. Sales Mgr. Baltimore, Md
F. C. Carter.....Harrisburg, Pa
C. A. Fisher.....Ft. Worth, Tex
Theo. Geissmann.....Chicago, Ill
A. A. Hilton.....Seattle, Wash
Breo La Pierre, Dist. Sales Mgr.....Syracuse, N. Y
R. H. Maddocks, Dist. Sales Mgr.....New York, N. Y
H. S. Moore, Dist. Sales Mgr.....Philadelphia, Pa
L. F. Nagle, Gen. Sales Mgr.....Harrisburg, Pa
C. W. Pike..... { Los Angeles, Cal. / San Francisco, Cal
Francis Wagner.....El Paso, Tex
J. C. Wicks.....Cleveland, O

CHALMERS CHEMICAL CO.,
123 Chestnut St., Newark, N. J
Chas. A. Beaumont.....Decatur, Ill
D. J. Giles.....Newark, N. J
J. B. Shaughnessy.....Chicago, Ill
Frank Sherritt.....

CHAMBERSBURG ENGINEERING CO.,
Chambersburg, Pa
E. C. Clarke, V.-Pres. & Gen. Mgr..... "
Wm. H. Derbyshire, Jr., Pres..... "
B. K. Ely, Fdy. Supt.. "
E. B. Huber, Mech. Eng. "
O. C. Mahon..... "
G. R. Murray, Sales Eng. "

CHASE & CO., L. C.,
89 Franklin St., Boston, Mass.
Chicago, Ill.—307 No. Michigan Ave.
Detroit, Mich.—7338 Woodward Ave.
New York, N. Y.—19 East 24th St.
San Francisco, Cal.—72 New Montgomery St.
K. L. Baker.....Boston, Mass
Ray Bogert.....New York, N. Y
E. G. Brown.....Boston, Mass
E. R. Campbell..... "

(Continued on following page.)

CHASE & CO., L. C.—Continued.
C. J. Dyer.....Chicago, Ill
J. L. Gibson.....Detroit, Mich
B. W. Hebberd, Jr.....New York, N. Y
E. H. McArthur.....San Francisco, Cal
Geo. B. Ogan.....Chicago Ill
A. E. Roninger.....Detroit, Mich
G. E. Sawyer.....Boston, Mass
Walter R. Scott.....Cleveland, O
E. D. Singer.....Chicago, Ill
D. P. Underhill.....New York, N. Y
F. H. Underhill.....Boston, Mass
W. P. Underhill..... "
C. R. Warren.....Chicago, Ill
H. T. Wight.....New York, N. Y

CHATON FIBRE CO.,
35 Congress St., Boston, Mass
Chicago, Ill.—332 So. Michigan Ave.
New York, N. Y.—2 Rector St.
J. M. Borrowdale.....Chicago, Ill
E. C. Cotton.....Boston, Mass
S. W. Midgley.....Chicago, Ill
H. R. Sisson.....New York, N. Y

CHEESMAN-ELLIOT CO., INC.,
639 Kent Ave., Brooklyn, N. Y
Fred. E. Antley.....Greenville, S. C
A. C. Benedict.....Brooklyn, N. Y
Frank Bushart.....Springfield, Mass
J. Frank Case.....Brooklyn, N. Y
N. A. Crossman.....Syracuse, N. Y
Geo. I. Eddy.....Philadelphia, Pa
Norman Elliott.....Brooklyn, N. Y
John P. McMaster..... "
Smith Northern, Jr...Springfield, Mass

CHICAGO BEARING METAL CO.,
2234 W. 43rd St., Chicago, Ill.
C. A. Bickett..... "
J. P. Borda..... "
F. S. Bostwick.....Waynesboro, Pa
W. S. Bostwick.....Chicago, Ill
H. A. Chetham..... "
E. R. Darby..... "
R. O. Gordon.....Waynesboro, Pa
Chester A. Lyon.....Chicago, Ill
W. K. Stouffer.....Waynesboro, Pa

CHICAGO BRIDGE & IRON WORKS.
87 W. Van Buren St., Chicago, Ill
Atlanta, Ga.—Healey Bldg.
Bridgeburg, Ont.—Janet St.
Cleveland, O.—Union Trust Bldg.
Dallas, Tex.—Praetorian Bldg.
Montreal, P. Q.—Bk. of Toronto Bldg
New York, N.Y.—30 Church St.
San Francisco, Cal.—Rialto Bldg.
Seattle, Wash.—L. C. Smith Bldg.
Toronto, Ont.—Federal Bldg.
E. E. Alt.....Chicago, Ill
A. P. Blackburn.....Montreal, Que
G. E. Borst.....New York, N. Y
H. C. Brown..... "
R. M. Campbell.....Atlanta, Ga
Frank L. Cook.....San Francisco, Cal
G. H. Crase.....Toronto, Ont
J. R. Donaldson.....Dallas, Tex
L. A. Elsener.....San Francisco, Cal
Ralph Green.....Chicago, Ill
A. A. Hilton.....Seattle, Wash
C. M. Ladd.....Chicago, Ill
D. A. Leach.....New York, N. Y
L. McDonald.....Chicago, Ill
Dean Miller.....Dallas, Tex
H. B. Murphey..... "
A. W. Ripley.....Atlanta, Ga
W. D. Robinson.....New York, N. Y
Geo. S. Sangdahl.....Cleveland, O
C. H. Scheman.....Bridgeburg, Ont
E. P. Shelton.....Chicago, Ill
K. I. Small.....New York, N. Y
C. W. Springer.....Cleveland, O
Merle J. Trees.....Chicago, Ill

CHICAGO-CLEVELAND CAR ROOFING CO.,
306 So. Wabash Ave., Chicago, Ill
E. R. Bixby..... "
W. C. Blaedn..... "
C. S. Carter.....St. Paul, Minn
T. C. Coleman.....Louisville, Ky
C. D. Jenks, Pres.....Chicago, Ill
L. L. Markel.....Warren, O
E. H. Mattingley.....Chicago, Ill
J. L. Stark..... "

CHICAGO FLAG & DECORATING CO.,
1315-1325 So. Wabash Ave., Chicago, Ill
George L. Glendon..... "
Thomas Glendon..... "
Gus Magnussen..... "

CHICAGO MALLEABLE CASTINGS CO.
80 E. Jackson Blvd., Chicago, Ill
New York, N. Y.—30 Church St.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—Frisco Bldg.
Washington, D. C.—Munsey Bldg.
C. A. Benz.....Chicago, Ill
J. M. Brown..... "
Lewis O. Cameron....Washington, D. C
Jos. F. Leonard.....Richmond, Va
J. A. McFarland.....St. Louis, Mo
Warren Osborn.....Chicago, Ill
H. E. Sicardi.....New York, N. Y
J. H. Slawson.....Chicago, Ill

CHICAGO PNEUMATIC TOOL CO.,
6 East 44th St., New York, N. Y
Birmingham, Ala.—1805 First Av., No.
Boston, Mass.—172 High St.
Chicago, Ill.—572 W. Randolph St.
Cincinnati, O.—Pearl & Vine Sts.
Cleveland, O.—1241 East 49th St.
Detroit, Mich.—6201 Second Blvd.
Los Angeles, Cal.—655 Santa Fe Ave.
Minneapolis, Minn.—5th Ave. & 5th St., So.
Montreal, Que.—25 St. Antoine St.
New Orleans, La.—816 Howard Ave.
Philadelphia, Pa.—237 N. 12th St.
Pittsburgh, Pa.—132 Seventh St.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—813 Hempstead St.
San Francisco, Cal.—175 First St.
Seattle, Wash.—119 Jackson St.
A. C. Andresen.....New York, N. Y.
H. G. Barbee, Mgr. Pneu. Tool Sales..... "
H. J. Bradley, Dist. Mgr.....San Francisco, Cal
A. M. Brown, Dist. Mgr. Philadelphia, Pa
C. R. Brutus.....Denver, Col
H. W. Buker, Dist. Mgr....St. Louis, Mo
C. B. Coates.....Cleveland, O
S. A. Congdon, Jr.....New York, N. Y
J. V. Conway.....Chicago, Ill. / Detroit, Mich
D. E. Cooke.....New York, N. Y
H. R. Deubel.....Chicago, Ill

(*Continued on following page.*)

CHICAGO PNEUMATIC TOOL CO.—Continued.
L. F. Duffy.....Buffalo, N. Y
R. F. Eissler, Dist. Mgr..Pittsburgh, Pa
N. B. Gatch.....New York, N. Y
W. B. Giddings.....Houston, Tex
H. C. Gilligan, Dist. Mgr..Detroit, Mich
A. E. Goodhue, V.-Pres. New York, N. Y
H. A. Jackson, Pres..... "
W. L. Jefferies.....Richmond, Va
F. R. Liggett..... { Chicago, Ill. { St. Louis, Mo.
E. K. Lynch..... { New York, N. Y. { Philadelphia, Pa
W. S. Lynch, Dist. Mgr...Seattle, Wash
R. S. Marshall, Dist. Mgr.....Birmingham, Ala
J. W. McCabe.....Chicago, Ill
F. H. McCombs.....Boston, Mass
J. L. Miller.....St. Louis, Mo
L. T. Peckman, Dist. Mgr.....Los Angeles, Cal
G. Grant Porter.... San Francisco, Cal
J. L. Rowe, Mgr. R. R. Sales.....New York, N. Y
F. V. Sargent, Dist. Mgr... Boston, Mass
T. G. Smallwood, Dist. Mgr. Cincinnati, O
W. C. Straub, Dist. Mgr..New York, N. Y
E. C. Stroup.....Pittsburgh, Pa
Philip Tarasi.....New York, N. Y
G. C Vanden Boom, Dist. Mgr. Chicago, Ill
Ross Watson, Dist. Mgr.....Minneapolis, Minn
D. M. Wesbrook.....Montreal, Que
J. L. Westenhaver, Dist. Mgr. Cleveland, O
Ross Wyeth, Dist. Mgr..New Orleans, La

CHICAGO RAILWAY EQUIPMENT CO.,
Gen. Office. 1928 W. 46th St., Chicago, Ill.
Sales Office. 80 E. Jackson Blvd., Chicago, Ill
Houston, Tex.—2d Natl. Bank Bldg.
Montreal, Que.—New Birks Bldg.
New York, N. Y.—30 Church St.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—Hobart Bldg.
F. Bergen.....Montreal, Que
S. U. Busch.....St. Louis, Mo
E. G. Busse, Mech. Eng.....Chicago, Ill
J. W. Cain.....Houston, Tex
F. R. Carlson.....Chicago, Ill
Herbert G. Cook....San Francisco, Cal
F. T. De Long, 2 V.-Pres. & Sales Mgr.....Chicago, Ill
J. F. Hayes..... "
E. F. Jager..... "
W. L. Jefferies, Jr.....Richmond, Va
E. A. Le Beau.....Chicago, Ill
A. C. Moore, V.-Pres..... "
R. J. Sheridan.....New York, N. Y
G. N. Van Sweringen, Asst. to V.-Pres.....Chicago, Ill
H. M. Van Sweringen..... "

CHICAGO RAILWAY SIGNAL & SUPPLY CO.
Main Office, 122 S. Michigan Av..Chicago, Ill
New York, N. Y.—30 Church St.
St. Louis, Mo.—Arcade Bldg.
St. Paul, Minn.—Hackney Bldg.
Washington, D. C.—Munsey Bldg.
C. R. Ahrens.....New York, N. Y
A. C. Dunne.....Chicago, Ill
A. E. Ferguson.....St. Louis, Mo
J. F. Fierke, Pres.....Chicago, Ill
W. M. McClintock.....St. Paul, Minn
H. C. McNeil, Treas. Carpentersville, Ill
John J. O'Fallon, Jr.....St. Louis, Mo
C. O. Poor, V.-Pres. & Mgr..Chicago, Ill
E. T. Schroeder.....St. Louis, Mo
J. T. Stephenson.....Washington, D. C
C. N. Suhr.....Carpentersville, Ill

CHIPMAN CHEMICAL ENGINEERING CO., INC., Bound Brook, N. J
T. B. Bowman..... "
A. H. Caldwell.....Houston, Tex
R. N. Chipman, Pres. Bound Brook, N. J
F. C. Manheck..... "
E. H. Platt.....Martinez, Cal
B. P. Webster, Sales Mgr.....Bound Brook, N. J

CLARK CAR CO.,
Oliver Bldg., Pittsburgh, Pa
Boston, Mass.—683 Atlantic Ave.
Chicago, Ill.—122 So. Michigan Ave.
New York, N. Y.—52 Vanderbilt Ave.
San Francisco, Cal.—Rialto Bldg.
F. A. Barbey.....Boston, Mass
W. E. Cade..... "
Chas. H. Clark.....Pittsburgh, Pa
F. C. Dankmyer..... "
D. W. Dodge.....San Francisco, Cal
Harry G. Doran.....Chicago, Ill
T. F. Dwyer.....Boston, Mass
W. J. Fendner.....Pittsburgh, Pa
C. E. Hummel..... "
J. C. Little.....Chicago, Ill
R. M. Mitchell.....Pittsburgh, Pa
W. G. Swift..... "
Arthur H. White.....New York, N. Y

CLARK EQUIPMENT CO.,
Buchanan, Mich
Birmingham, Ala.—407 No. 24th St.
Boston, Mass.—261 Franklin St.
Chicago, Ill.—549 W. Washington Blvd
Columbus, O.—2152 Arlington Ave.
Detroit, Mich.—5756 Cass Ave.
New York, N. Y.—138 Prince St.
Philadelphia, Pa.—Widener Bldg.
Pittsburgh, Pa.—339 Second Ave.
St. Louis, Mo.—1650 So. 39th St.
Syracuse, N. Y.—160 Ross Park.
E. B. Clark, Jr.....Philadelphia, Pa
F. E. Cooper.....Pittsburgh, Pa
H. A. Gilcher.....Syracuse, N. Y
M. L. Hanlin.....Buchanan, Mich
A. W. Hooper.....Birmingham, Ala
W. E. McCabe.....Boston, Mass
C. O. Montague.....St. Louis, Mo
W. Nochumson.....Chicago, Ill
W. M. Oplinger.....Philadelphia, Pa
C. E. Staninger.....Detroit, Mich
C. Townley.....New York, N. Y
H. G. Tuttle.....Buchanan, Mich
C. I. Ucker.....Columbus, O

CLARK MFG. CO., THE
427 No. 13th St., Philadelphia, Pa
Henry J. Smith..... "

CLEVELAND CRANE & ENGINEERING CO., THE, Wickliffe, O
Chicago, Ill.—80 E. Jackson Blvd.
New York, N. Y.—30 Church St.
Pittsburgh, Pa.—Farmers Bank Bldg
E. T. Bennington, Mgr. Tramrail Div.....Wickliffe, O
F. J. Brittingham.....Pittsburgh, Pa

(*Continued on following page*).

CLEVELAND CRANE & ENGINEERING CO.—Cont'd.
A. H. Ellison, Mgr.....New York, N. Y
F. H. Gill, Mgr.....Chicago, Ill
W. C. Heinle, Eng..... ....Wickliffe, O
C. C. Robbins, Sec. & Gen. Mgr..... "
J. B. Shaver, Sales Mgr.... "

CLEVELAND FROG & CROSSING CO.,
6917 Bessemer Ave. S. E. Cleveland, O.
J. A. Donahey, Sales & Serv. Eng..... "
H. C. Engert, Asst. to Gen. Mgr..... "
Geo. C. Lucas, Gen. Mgr.. "
G. A. Peabody, Ch. Eng... "
Geo. Stanton, Mgr. of Sales "

CLEVELAND PNEUMATIC TOOL CO.,
3734 E. 78th St., Cleveland, O
Birmingham, Ala.—403 N. 24th St.
Boston, Mass.—142 Berkeley St.
Chicago, Ill.—605 So. Dearborn St.
Detroit, Mich.—Ins. Exchange Bldg.
Houston, Tex.—2d Natl. Bk. Bldg.
New York, N. Y.—30 Church St.
Philadelphia, Pa.—The Bourse Bldg.
Pittsburgh, Pa.—Farmers Bank Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—537 Second St.
Toronto, Ont.—84 Chestnut St.
R. E. Ahern, Dist. Mgr.... St. Louis, Mo
C. J. Albert.....San Francisco, Cal
E. S. Cook, V.-Pres.....Cleveland, O
H. S. Covey, Sec. & Sales Mgr. "
John DeMooy, Asst. Sales Mgr. "
J. A. Dockery, Dist. Mgr..Boston, Mass
R. B. Ecker.....Philadelphia, Pa
N. F. Galgiani.....San Francisco, Cal
C. D. Garner, Dist. Mgr...Detroit, Mich
J. T. Graves... .....Cleveland, O
C. Greve, Pres..... "
L. W. Greve, Treas..... "
D. J. Hafford..... "
S. W. Haines.....Negaunee, Mich
Geo. H. Hall.....Cleveland, O
A. W. Hughes, Dist. Mgr..Toronto, Ont
W. D. Lucas.....New York, N. Y
R. E. Manning, Dist. Mgr..Pittsburgh, Pa
Frank J. May, Dist. Mgr..Houston, Tex
H. C. Newton, Dist. Mgr....Chicago, Ill
R. H. Rockefeller.....New York, N. Y
A. Scott Supt.....Cleveland, O
G. M. Smalley.....Cincinnati, O
A. J. Snow.....San Francisco, Cal
O. C. Stoelker, Dist. Mgr.....Birmingham, Ala
B. H. Tripp.....New York, N. Y
R. B. Van Norman, Dist. Mgr.....Philadelphia, Pa

CLEVELAND PUNCH & SHEAR WORKS CO., Cleveland, O
Chicago, Ill.—80 E. Jackson Blvd.
New York, N. Y.—30 Church St.
Philadelphia, Pa.—Bulletin Bldg
Pittsburgh, Pa.—Farmers Bank Bldg.
A. L. Bechtel.....Cleveland, O
R. E. Graves.....Chicago, Ill
C. W. Hancock.....New York, N. Y
P. J. Hopkins.....Cleveland, O
R. S. Howell.....Philadelphia, Pa
W. C. Sayle.....Cleveland, O
W. D. Sayle..... "
H. J. Warren.....Pittsburgh, Pa

CLEVELAND RAILWAY SUPPLY CO.,
Swetland Bldg., Cleveland, O
H. P. Blum..... "
D. L. Milliken..... "
W. H. Neeson..... "
F. A. Peck..... "
Q. J. Winsor..... "

COLUMBIA NUT & BOLT CO., INC.,
1550 Railroad Ave., Bridgeport, Conn
Cleveland, O.—Natl. City Bldg.
San Francisco, Cal.—Rialto Bldg.
Fred. Atwater.....Bridgeport, Conn
H. P. Cook..... "
D. W. Dodge... .....San Francisco, Cal
R. T. Hanscom.....Cleveland, O
Hugh Miller.....Montreal, Que

COMMERCIAL STEEL CASTING CO.,
Marion, O
Cincinnati, O.—1st Natl. Bk. Bldg.
Cleveland, O.—National Bldg.
Frank D. Glosser, Sec.-Mgr...Marion, O
C. G. Heepke, Sales Mgr..... "
W. R. McDonough..... Cleveland, O
W. W. Pettis.....Cincinnati, O

COMMONWEALTH STEEL CO.,
Granite City, Ill
H. R. Bartell, Sales Eng..... "
H. C. Bellville, V.-Pres..... "
C. F. Frede, Mgr. Prod..... "
Geo. H. Gibson, Sales Agt..... "
E. G. Hallquist, Ch. Mech. Eng. "
Clarence H. Howard, Pres..... "
G. E Howard, V.-Pres. & Sales Mgr "
Karl S. Howard, Mech. Supt... "
Boone V. H. Johnson, V.-Pres. & Sales Agt..... "
H. M. Pflager, Senior V.-Pres.. "
C. S. Shallenberger, Sales Agt.. "
W. M. Sheehan, Sales Eng..... "

CONSOLIDATED CAR HEATING CO.,
413-423 No. Pearl St., Albany, N. Y
Chicago, Ill—343 So. Dearborn St.
New York, N. Y.—149 Broadway.
J. W. Conway.....Albany, N. Y
G. T. Griffin, Eng..... "
W. S. Hammond, V.-Pres.. "
C. S. Hawley, Pres. & Treas. "
H. L. Hawley, East. Sales Mgr.....New York, N. Y
B. Keys.....Albany, N. Y
J. H. McElroy, Sec..... "
G. E. Oakley, Sales Engr.. "
R. J. Parsons, Ch. Eng.... "
J. A. Robinson, West. Sales Mgr.....Chicago, Ill

CONSOLIDATED MACH. TOOL CORP. OF AMERICA,
Blossom Road, Rochester, N. Y
Chicago, Ill.—541 W. Washington Blvd
Cleveland, O.—1038 Ivanhoe Rd.
New York, N. Y.—150 Broadway.
Philadelphia, Pa.—23rd & Vine Sts.
St. Louis, Mo.—Ry. Exchange Bldg.
G. C. Bailey.....Rochester, N. Y
H. J. Bailey.....New York, N. Y
H. L. Boecler.....St. Louis, Mo
H. M. Bowman.....Rochester, N. Y
F. A. Campbell.....Cleveland, O
H. W. Champion,.....Philadelphia, Pa
S. H. Ham.....Erie, Pa

(*Continued on following page.*)

CONSOLIDATED MACH. TOOL CORP. OF AMERICA—Con.
S. A. Harding.....Rochester, N. Y
R. G. Holmes.....Cleveland, O
A. H. Ingle, Pres.....Rochester, N. Y
C. A. Johnson.....Cleveland, O
W. C. Jones.....Philadelphia, Pa
R. S. Laird.....Rochester, N. Y
C. E. McArthur.....Erie, Pa
Albert Meyers.....Rochester, N. Y
George Muth.....Philadelphia, Pa
M. D. Neady.....New York, N. Y
F. D. Payne.....Erie, Pa
Bernard Roen.....Chicago, Ill
F. P. Scott..... "
Alfred Trosch.....Rochester, N. Y
A. W. Van Buren.....Chicago, Ill
H. T. White.....Erie, Pa
C. R. Williams.....Rochester, N. Y

CONVEYORS CORP. OF AMERICA.
326 W. Madison St., Chicago, Ill
J. A. Davless, Mgr. R.R. Dept. "

COPPERWELD STEEL CO., Rankin, Pa
Chicago, Ill.—129 So. Jefferson St.
New York, N. Y.—30 Church St.
San Francisco, Cal.—Rialto Bldg.
G. F. Bain.....Rankin, Pa
S. E. Bramer..... "
E. M. Deems.....New York, N. Y
W. W. Ege.....Chicago, Ill
E. G. Elg..... "
R. J. Frank.....Rankin, Pa
S. S. Hertz.....New York, N. Y
C. E. Ingalls.....San Francisco, Cal
A. M. Kremkau.....Rankin, Pa
W. S. Krenz.....Chicago, Ill
F. C. Lavarack.....New York, N. Y
W. W. Martin.....Chicago, Ill
W. J. McIlvane.....New York, N. Y
W. M. Page.....Rankin, Pa
R. Selquist..... "
P. Simons..... "
A. E. Strasser, Compt..... "

CORK IMPORT CORP.,
345 West 40th St., New York, N. Y
Atlanta, Ga.—Candler Annex.
Boston, Mass.—65 Atlantic Ave.
Buffalo, N. Y.—180 Guilford St.
Chicago, Ill.—317 No. Wells St.
Philadelphia, Pa.—1524 Chestnut St.
St. Louis, Mo.—2127 Pine St.
J. C. Campbell.....Boston, Mass
E. F. Canfield.....Atlanta, Ga
W. I. Dagg.....Buffalo, N. Y
J. R. Hamilton.....St. Louis, Mo
G. H. Syckelmoore....Philadelphia, Pa
P. Edwin Thomas.....Chicago, Ill

CREEPCHECK CO., INC.,
Terminal Bldg., Hoboken, N. J
Bridgeport, Conn.—1560 Railroad Ave
Chicago, Ill.—122 So. Michigan Ave.
Minneapolis, Minn.-3351 Dupont Av., S.
P. E. Browne, V.-Pres....Hoboken, N. J
Howard P. Cook.....Bridgeport, Conn
T. D. Crowley, Gen. Sales Agt. Chicago, Ill
A. J. Dinklage, Pres.....Hoboken, N. J
R. R. Dinklage, Gen. Mgr. "
N. J. Leavitt.....Chicago, Ill
F. J. Reagan.....Minneapolis, Minn

CRESCENT TRUCK CO., Lebanon, Pa.
Albany, N. Y.—93 State St.
Birmingham, Ala.—Martin Bldg.
Boston, Mass.—13 Hamilton St.
Buffalo, N. Y.—15 W. Swan St.
Chicago, Ill.—569 W. Lake St.
Cornwall, Ont.—24 Ninth St., E.
Detroit, Mich.—1338 W. Lafayette Blvd.
Indianapolis, Ind.—Lombard Bldg.
New York, N. Y.—30 Church St.
Philadelphia, Pa.—10 So. 18th St.
Pittsburgh, Pa.—Union Bank Bldg.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—Syndicate Trust Bldg.
St. Paul, Minn.—Endicott Bldg.
San Francisco, Cal.—839 Mission St.
Syracuse, N. Y.—406 So. Franklin St.
Toledo, O.—2316 Warren St.
J. R. Bennett.....Buffalo, N. Y
W. F. Billingsley.....Toledo, O
Alan G. Cary.....St. Paul, Minn
John Cronin.....Boston, Mass
J. F. Donahoo.....Birmingham, Ala
Lewis Hoover.....Indianapolis, Ind
W. L. Jefferies, Jr.....Richmond, Va
E. W. L. Koenig.....Chicago, Ill
F. B. Menner.....St. Louis, Mo
A. F. Mueller.....Detroit, Mich
Martin J. O'Brien.....Pittsburgh, Pa
J. W. Ogden.....Syracuse, N. Y
J. W. Saitta, Dist. Mgr..New York, N. Y
L. W. Sipley, Dist. Mgr..Philadelphia, Pa
Stephen Smith.....San Francisco, Cal
Rupert Sturtevant.....Albany, N. Y
W. A. Youngblud.....Cornwall, Ont

CROSBY STEAM GAGE & VALVE CO.,
10 Roland St., Boston, Mass
San Francisco, Cal.—165 8th St.
Edward C. Kenyon, San Francisco, Cal

CROWE MFG. CORP., THE
133 East 3rd St., Cincinnati, O.
Baltimore, Md.—402 No. Calvert St.
Boston, Mass.—274 Friend St.
Buffalo, N. Y.—180 Main St.
Chicago, Ill.—9342 Ewing Ave.
Cleveland, O.—1213 W. 3rd St.
Ft. Wayne, Ind.—207 E. Columbia St.
Knoxville, Tenn.—444 State St.
Lynn, Mass.—460 Union St.
Milwaukee, Wis.—2404 Clybourn St.
Montreal, Que.—326 St. James St.
New Haven, Conn.—219 Water St.
Pittsburgh, Pa.—Oliver Bldg.
Richmond, Va.—Amer. Natl. Bk. Bldg.
St. John, N. B.—15 Dock St.
St. Louis, Mo.—1956 No. Broadway.
South Bend, Ind.—Sample & Mich. Sts.
Terre Haute, Ind.—22 No. 9th St.
Toronto, Ont.—64 Front St., W.
Vancouver, B. C.—495 Railway St.
Winnipeg, Man.—764 Main St.
Winston-Salem, N. C.—438 Main St.
A. S. T. Amand.....Charleston, S. C
T. F. Bailey.....Huntington, W. Va
F. C. Bickers.....Chattanooga, Tenn
R. E. Boehck.....Milwaukee, Wis
J. B. Corby.....St. Louis, Mo
B. F. Crawford.....Terre Haute, Ind
T. B. Crawford.....Winston-Salem, N. C
J. M. Crowe.....Cincinnati, O
S. E. Donohoue.....Springfield, O

(Continued on following page.)

CROWE MFG. CORP., THE—Continued.
W. J. Foss.....Pittsfield, Mass
E. W. Gildart.....Beaumont, Tex
W. E. Gilkeson.....Bluefield, W. Va
E. M. Greeson.....Memphis, Tenn
W. F. Haley.....Williamson, W. Va
H. R. Harmer.....Montreal, Que
W. D. Jones.....Wilmington, N. C
E. S. Learn .....Vancouver, B. C
H. M. Londelius.....Chicago, Ill
Geo. Maier.....Buffalo, N. Y
G. H. Manning.....Knoxville, Tenn
W. R. Mathers.....St. John, N. B
C. E. McComus.....Cleveland O
F. P. McCurdy.....Toronto, Ont
C. F. McLeish.....Ft. Wayne, Ind
W. S. Monical.....Indianapolis, Ind
J. D. Moore.....Birmingham, Ala
C. E. Murphy.....Cleveland, O
C. Nushols.....Charlotte, N. C
R. P. Oblinger.....South Bend, Ind
L. R. Opitz.....Cleveland, O
F. H. Page.....New Haven, Conn
H. C. R. Rippel.....Baltimore, Md
M. Scott.....Pittsburgh, Pa
J. B. Simmons.....New Orleans, La
E. P. Staples.....Lynn, Mass
J. E. Stewart.....Richmond, Va
Paul D. Swift.....Houghton, Mich
T. S. Taylor.....Winnipeg, Man
B. Williamson.....Ashland, Ky
Geo. Winship.....Atlanta, Ga
W. S. Wood.....Boston, Mass

CURTAIN SUPPLY CO.,
Gen. Office & Factory, Elkhart, Ind
Chicago, Ill.—355-357 W. Ontario St.
Los Angeles, Cal.—501 Lyon St.
New York, N. Y.—50 Church St.
G. B. Allison, Asst. Dist.
Sales Mgr.....New York, N. Y
J. P. Armstrong.....San Francisco, Cal
Ralph Brown, Dist. Sales Mgr. Chicago, Ill
Chris Eccles.....Los Angeles, Cal
H. M. Euler.....Portland, Ore
Holmes Forsyth, Pres.....Chicago, Ill
T. W. Heaton.....{ Elkhart, Ind.
T. W. Holt, V.-Pres. & Gen. Mgr. {
T. P. O'Brian, Dist. Sales
Mgr.....New York, N. Y
W. Oldenburger.....Mexico, D. F.
C. T. Patterson.....Los Angeles, Cal
E. E. Whitmore, Asst. Dist. } Chicago,
Sales Mgr..... { Ill.
W. W. Willits, 1st V.-P. & Treas. "

CUTTER COMPANY,
19th & Hamilton Sts., Philadelphia, Pa
Birmingham, Ala.—Brown-Marx Bldg
Boston, Mass.—201 Devonshire St.
Buffalo, N. Y.—Ellicott Sq. Bldg.
Chicago, Ill.—53 W. Jackson Blvd.
Cincinnati, O.—1st Natl. Bank Bldg.
Cleveland, O.—1710 E. 12th St.
Detroit, Mich.—Penobscot Bldg.
Los Angeles, Cal.—Roberts Bldg
Minneapolis, Minn.—407 So. 4th St.
New Orleans, La.—Hibernia Bk. Bldg
New York, N. Y.—1170 Broadway.
Pittsburgh, Pa.—Park Bldg.
St. Louis, Mo.—Bk. Commerce Bldg.
Toronto, Ont.—24 Adelaide St., East.
G. H. Armstrong.....Cincinnati, O
O. M. Bercaw.....Chicago, Ill
J. J. Costello.....Boston, Mass
H. F. Darby, Jr., Gen.
Sales Mgr.....Philadelphia, Pa
Otto Demmert.....Los Angeles, Cal
J. L. Eshelman.....Birmingham, Ala
D. M. Fraser.....Toronto, Ont
G. B. Glidersleeve.....Cleveland, O
G. R. Horne.....Detroit, Mich
W. C. Jessup.....New York, N. Y
H. C. Lemire.....Minneapolis, Minn
H. W. MacVaugh.....Pittsburgh, Pa
Linn O. Morrow..... { Schaff Bldg., Philadelphia, Pa
E. S. Newton, Asst. Sales Mgr. "
Lyman C. Reed.....New Orleans, La
J. L. Scanlon.....Buffalo, N. Y
D. O. Stewart.....St. Louis, Mo

DAMASCUS BRAKE BEAM CO.,
1020 London Road, Cleveland, O
Sales Office, 145 Public Sq., "
New York, N. Y.—452 Lexington Ave
A. E. Adamson.....Cleveland, O
B. A. Hegeman, Jr.....New York, N. Y
P. A. Martin, Sales Mgr.....Cleveland, O
W. B. Martin, Mech. Eng... "

DAMASCUS BRONZE CO.,
Shore & Sturgeon Sts., N. S. Pittsburgh, Pa
New York, N. Y.—52 Vanderbilt Ave.
Philadelphia, Pa.—Finance Bldg.
Richmond, Va.—Mutual Bldg.
M. A. Carlton.....Baltimore, Md
Wm. E. Cartwright.....Pittsburgh, Pa
Wm. K. Frank..... "
Maurice Joy.....Philadelphia, Pa
W. B. Klee.....Pittsburgh, Pa
W. S. Myers.....Philadelphia, Pa
Edwin B. Ross.....Pittsburgh, Pa
J. Mills Summers.....New York, N. Y
E. T. Wade.....Richmond, Va

DART MFG. CO., E. M.,
134 Thurbers Ave., Providence, R. I
Toronto, Can.—93 Niagara St
Geo. S. Champlin.....Providence, R. I
John E. Duggan..... "
John B. Goff.....Toronto, Can
J. Milton Goff..... Providence, R. I
F. H. Knight..... "

DAVIS BORING TOOL CO.,
Forest Park Blvd. & Spring Ave.,
St. Louis, Mo
Emery E. Davis..... "
Geo. H. Diers.....Cincinnati, O
W. J. Grimm.....Philadelphia, Pa
Floyd Hartwell.....Rochester, N. Y
A. J. Heaney.....Detroit, Mich
W. E. Moberly.....Chicago, Ill
J. W. Mull.....Indianapolis, Ind

DAVIS BRAKE BEAM CO.,
Johnstown, Pa
Chicago, Ill.—122 So. Michigan Ave.
Pittsburgh, Pa.—Oliver Bldg.
Roanoke, Va.—1st Natl. Bk. Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
Geo. W. Fox, Sec.....Johnstown, Pa
W. H. Graul.....Chicago, Ill
John R. Hayward.....Roanoke, Va
J. J. Hughes.....Chicago, Ill

(*Continued on following page.*)

DAVIS BRAKE BEAM CO.—Continued.
Frank J. Lanahan, Pres. Pittsburgh, Pa
P. J. Meehan, Treas..... "
H. J. Melchert .....Chicago, Ill
H. E. Passmore, Sales Mgr.....Pittsburgh, Pa
Chas. F. Perkins, Gen. Mgr.....Johnstown, Pa
H. J. Tierney .....St. Louis, Mo
E. W. Wright.....Pittsburgh, Pa

DAYTON MFG. CO.,
2240 E. Third St., Dayton, O
Cleveland, O.—1290 West 105th St.
Denver, Col.—407 14th St.
Houston, Tex.—2nd Natl. Bank Bldg.
Los Angeles, Cal.—Delta Bldg.
Richmond, Va.—Amer. Nat. Bk. Bldg.
Rochester, N. Y.—291 East Ave.
St. Paul, Minn.—Merchants Bk. Bldg.
San Francisco, Cal.—Monadnock Bldg.
A. W. Arlin.....Los Angeles, Cal
F. F. Bodler.....San Francisco, Cal
Nelson Emmons, Jr.....Dayton, O
G. H. Goodell.....St. Paul, Minn
H. D. Hendrick.....Dayton, O
J. R. Johnston..... "
Joseph Leidenger.....New York, N. Y
T. E. Litchfield.....Cleveland, O
E. W. Mink.....Dayton, O
C. E. Naylor.....Houston, Tex
F. M. Nicholl.....Rochester, N. Y
C. G. Rank.....St. Paul, Minn
Geo. Shields.....Dayton, O
Jas. E. Stewart.....Richmond, Va
B. C. Watts.....Denver, Col

DEARBORN CHEMICAL COMPANY,
310 So. Michigan Ave., Chicago, Ill
Boston, Mass.—49 Federal St.
Cincinnati, O.—Union Central Bldg.
Cleveland, O.—Ulmer Bldg.
Denver, Col.—Denham Bldg.
Des Moines, Ia.—1301 W. 32nd St.
Detroit, Mich.—2457 Woodward Ave.
Ft. Worth, Tex.—1308 Hemphill St
Indianapolis, Ind.—Tract'n Term. Bldg
Jacksonville, Fla.—2232 Oak St.
Kansas City, Mo.—Commerce Tr. Bldg
Los Angeles, Cal.—909 Santa Fe Ave.
Milwaukee, Wis.—Plankinton Bldg.
Minneapolis, Minn.—709 Douglas Ave.
Nashville, Tenn.—2601 Barton Ave.
New York, N. Y.—299 Broadway.
Peoria, Ill.—Jefferson Bldg.
Philadelphia, Pa.—The Bourse
Pittsburgh, Pa.—Farmers' Bank Bldg.
St. Louis, Mo.—Frisco Bldg.
San Francisco, Cal.—582 Market St.
Syracuse, N. Y.—City Bank Bldg.
Toronto, Ont.—2454 Dundas St. W.
F. J. Boatright.....Jacksonville, Fla
I. H. Bowen.....Chicago, Ill
L. P. Bowen.....Cleveland, O
Robt. F. Carr, Pres.....Chicago, Ill
G. R. Carr, V.-Pres. & Gen. Mgr. "
W. A. Converse, Sec..... "
Herbert G. Cook.....San Francisco, Cal
A. W. Cooley.....Los Angeles, Cal
J. A. Crenner.....Pittsburgh, Pa
A. W. Crouch.....Toronto, Ont
Dan Delaney.....Cincinnati, O
N. F. Dunn.....Minneapolis, Minn
Otto L. Fluegel.....Detroit, Mich
Wm. Gemlo.....St. Louis, Mo
C. M. Hoffman, Asst. to V.-Pres. & Gen. Mgr.....Chicago, Ill
P. H. Hogan.....Boston, Mass
P. G. Jones.....Philadelphia, Pa
W. H. Kinney.....New York, N. Y
G. M. Massen.....Kansas City, Mo
C. S. Murray.....St. Louis, Mo
J. W. Nutting.....Nashville, Tenn
Paul T. Payne.....Indianapolis, Ind
O. E. Poole.....Peoria, Ill
J. D. Purcell, V.-Pres.....Chicago, Ill
O. H. Rehmeyer..... "
G. H. Reilly.....Syracuse, N. Y
J. F. Roddy.....Denver, Col
H. P. Ross.....Ft. Worth, Tex
E. H. Ruhlman.....Cleveland, O
G. W. Spear, V.-Pres.....New York, N. Y
George R. Stege.....St. Louis, Mo
E. R. Stubbs.....Des Moines, Ia
E. T. Ward.....Milwaukee, Wis

DECATUR MALLEABLE IRON CO.,
Decatur, Ill
Chicago, Ill.—14 E. Jackson Blvd.
Detroit, Mich.—1600 Seward Ave.
F. A. Blackwell.....Detroit, Mich
Wm. S. Furry.....Chicago, Ill
C. L. Liebau.....Decatur, Ill
W. C. West.....Chicago, Ill
D. E. Willard.....Danville, Ill

DE REMER-BLATCHFORD CO.,
80 E. Jackson Blvd., Chicago, Ill
Geo. M. Beard..... "
Carter Blatchford..... "
W. L. De Remer..... "
M. F. May..... "
H. B. Thoresen..... "
J. C. Vaaler..... "
Geo. P. White..... "

DETROIT GRAPHITE CO.,
550 Twelfth St., Detroit Mich
Atlanta, Ga.—Healey Bldg.
Boston, Mass.—Converse Bldg.
Chicago, Ill.—Monadnock Blk.
Houston, Tex.—2nd Natl. Bank Bldg.
New York, N. Y.—120 Broadway.
Philadelphia, Pa.—Packard Bldg.
Pittsburgh, Pa.—Oliver Bldg.
St. Louis, Mo.—Railway Exchange Bldg
San Francisco, Cal.—Mills Bldg.
R. C. Ashenden.....Boston, Mass
H. U. Birdseye.....New York, N. Y
E. Booth.....Detroit, Mich
G. G. Cook.....Philadelphia, Pa
Jefferson Davis.....Pittsburgh, Pa
O. N. Edgar.....Houston, Tex
A. B. Edge.....Atlanta, Ga
L. F. Flanagan.....Chicago, Ill
J. R. C. Hintz.....New York, N. Y
W. T. Hoover.....San Francisco, Cal
P. L. Maury.....Detroit, Mich
L. D. Mitchell.....Chicago, Ill
Jack Nieman.....Philadelphia, Pa
W. D. Waugh.....St. Louis, Mo
T. R. Wyles.....Chicago, Ill

DETROIT HOIST & MACHINE CO.,
Detroit, Mich
J. C. Fleming, Pres. & Mgr. "
A. S. Watson, V.-Pres. & Eng. "

DETROIT LUBRICATOR CO.,
Trumbull Ave. & G. T. Ry., Detroit, Mich
Chicago, Ill.—816 So. Michigan Ave.
New York, N.Y.—40 West 40th St.
F. P. Blair.....Boston, Mass
C. L. Butler.....Covington, Ky
Geo. E. Cage.....Detroit, Mich
A. J. Chambers.....Cincinnati, O
W. B. Drake.....Detroit, Mich
G. B. Duffield..... "
C. B. Hodges..... "
C. H. Hodges..... "
F. W. Hodges..... "
M. Howard.....San Francisco, Cal
H. I. Lord.....Detroit, Mich
A. G. Machesney.....Philadelphia, Pa
A. A. Putt.....New York, N. Y
E. T. Wade.....Richmond, Va
S. A. Witt.....Chicago, Ill

DETROIT SEAMLESS STEEL TUBES CO., Detroit, Mich.
Chicago, Ill.—332 So. Michigan Ave.
Cleveland, O.—Guardian Bldg.
New York, N. Y.—342 Madison Ave.
S. J. Cameron, Sec. & Treas. } Detroit,
F. W. Conat, Asst. Sec. & Asst. } Mich.
Treas..... "
C. H. Hobbs, Pres. & Gen. Mgr.. "
J. W. Hubbard, Chman. Bd.... "
H. C. Kensing, Dist Sales Mgr.....New York, N. Y
L. R. Phillips, Dist. Sales Mgr. Chicago, Ill
C. C. Rosser, Dist. Sales Mgr. Cleveland, O
S. H. Worrell, Dist. Sales Mgr.....Detroit, Mich

DEVOE & RAYNOLDS CO., INC.,
1 West 47th St., New York, N. Y
Chicago, Ill.—14-16 W. Lake St.
N. H. Cutting.....Chicago, Ill
J. A. Stevens.....New York, N. Y

DIAMOND STATE FIBRE CO.,
Bridgeport, Pa
Boston, Mass.—38 Chardon St.
Buffalo, N. Y.—377 Ellicott Sq.
Chicago, Ill.—1656 Besley Court.
Cleveland, O.—Hippodrome Bldg.
Detroit, Mich.—Insurance Exchange.
Milwaukee, Wis.—610 Sycamore St.
Minneapolis, Minn.—Plymouth Bldg.
Montreal, Can.—84 St. Francois Xavier St.
New York, N.Y.—423 Broome St.
Philadelphia, Pa.—Drexel Bldg.
Rochester, N. Y.—Granite Bldg.
St. Louis, Mo.—Delmar & Euclid Sts.
San Francisco, Cal.—274 Brannan St.
Toronto, Ont.—235 Carlaw Ave.
Washington, D. C.—913 New York Ave., N. W.
W S Adams, Mgr.....Buffalo, N. Y
A. G. Ballard, Gen. Mgr...Toronto, Ont
G. F. Clifford, Mgr.....Boston, Mass
E. L. Coolidge, Mgr.....Detroit, Mich
J. W. Davis, Mgr.....Cleveland, O
L. K. Detwiler, Asst. Sales Mgr.....Bridgeport, Pa
W. R. Elsenhans, Mgr..Philadelphia, Pa
D. L. Hearn.....St. Louis, Mo
J. A. Holmes, Mgr....Washington, D. C
R. W. Knox, Mgr.....New York, N. Y
O. J. Lenmark.....Minneapolis, Minn
L. T. McCloskey, V.-Pres...Chicago, Ill
T. J. McFadden.....Rochester, N. Y
J. A. Regan.....Montreal, Can
J. B. Rittenhouse, Asst. Mgr..Chicago, Ill
J. C. Roddy, Mgr.....Indianapolis, Ind
G. Swallow, Ry. Ins. Eng. Bridgeport, Pa
J. M. Taylor, V.-P. & G. M.. "
R. R. Titus, V.-Pres. & Asst. Gen. Mgr..... "
T. E. Webster, Sales Mgr... "
E. Williams, Mgr.....Milwaukee, Wis
C. N. Wolf, Mgr.....San Francisco, Cal

DICKINSON, INC., PAUL,
3340 South Artesian Ave..Chicago, Ill
Arthur J. Filkins..... "
C. W. Hansen..... "
J. A. McFarland.....St. Louis, Mo

DIFFERENTIAL STEEL CAR CO.,
Findlay, O
H. Fort Flowers, Pres..... "
Shelly G. Hughes, V.-Pres. & Sec. "
Ralph E. Stuntz, Eng..... "
Harry T. Thompson, V.-Pres. "

DILWORTH, PORTER & CO., INC.,
4th and Bingham Sts., S.S., Pittsburgh, Pa
Boston, Mass.—200 Devonshire St.
Chicago, Ill.—140 So. Dearborn St.
New York, N. Y.—2 Rector St.
St. Louis, Mo.—Security Bldg.
Washington, D.C.....1319 F St., N. W
W. W. Baker.....Chicago, Ill
Jos. Dilworth, Sec. & Asst. Treas.....Pittsburgh, Pa
Wm. Goldie..... "
W. Newton Jeffress..Washington, D.C
Joseph G. Miller.....St. Louis, Mo
Geo. T. Peraschos.....Boston, Mass
G. A. Prendergast.....New York, N. Y
W. F. Schleiter, V.-Pres. Pittsburgh, Pa
F. C. Stowell.....Boston, Mass

DISTANCE-SPEED RECORDING CO.,
Office 14 Wall St., New York, N. Y
Works—Roselle, N. J
Chicago, Ill.—332 So. Michigan Ave.
G. B. Dobyns, Mech. Eng. New York, N.Y
J. E. Matthews, V.-Pres.. "
F. E. Traa..... "
H. A. Varney, Dist. Sales Mgr. Chicago, Ill
T. E. Wands.....New York, N. Y

DIXON CRUCIBLE CO., JOSEPH
Jersey City, N. J
Baltimore, Md.—Professional Bldg.
Boston, Mass.—80 Federal St.
Buffalo, N. Y.—Erie Co. Bank Bldg.
Chicago, Ill.—Monadnock Blk.
New York, N. Y.—68 Reade St.
Philadelphia, Pa.—Finance Bldg.
St. Louis, Mo.—Victoria Bldg.
San Francisco, Cal.—444 Market St.
E. C. Bleam.....Chicago, Ill
F. R. Brandon..... "
J. P. Chase.....Asheville, N. C
J. A. Condit.....Buffalo, N. Y
P. H. Griffin.....Chicago, Ill
J. B. Honeyman.....Portland, Ore
W. A. Housten.....Baltimore, Md
Giles Hulseman.....St. Louis, Mo
Chas. A. T. Kerr.....Indianapolis, Ind
Chas. T. Mathews { Los Angeles, Cal. / San Francisco, Cal.
S. Murray.....Pittsburgh, Pa
H. A. Nealley.....Boston, Mass

(*Continued on following page.*)

DIXON CRUCIBLE CO., JOSEPH—Continued.
M. F. Perkins.....Philadelphia, Pa
A. J. Pfaff.....New York, N. Y
H. A. Shambaugh.....Eau Gallie, Fla
G. K. Smith.....Chicago, Ill
L. S. Stapp.....Louisville, Ky
W. G. Stringer.....Philadelphia, Pa
D. Thurston.....Jersey City, N. J
John J. Tucker.....Philadelphia, Pa
H. A. Van Derslice.....St. Louis, Mo
W. D. Walker.....Ft. Worth, Tex
J. M. Willitts.....Jersey City, N. J

DRAPER MANUFACTURING CO.,
Port Huron, Mich
Bloss P. Corey.....Petrolia, Ont
Jas. F. Draper.....Port Huron, Mich
Thos. Draper..... "

DUFF MANUFACTURING CO.,
General Office, Preble Ave., N. S.,
Pittsburgh, Pa
Atlanta, Ga.—Candler Bldg.
Chicago, Ill.—122 So. Michigan Ave.
Detroit, Mich.—Donovan Bldg.
Houston, Tex.—Union Natl. Bk. Bldg.
New York, N. Y.—250 Park Ave.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—Monadnock Bldg
G. E. Anderson.....St. Louis, Mo
C. G. Elliott.....Houston Tex
E. A. Johnson.....Pittsburgh, Pa
T. A. McGinley, Pres..... "
P. G. O'Hara, V.-Pres..New York, N. Y
W. G. Robb..... "
Albert Roberts.....Atlanta, Ga
W. S. Swain.....Detroit, Mich
C. N. Thulin, V.-Pres.....Chicago, Ill
E. Thulin..... "
R. R. Vought.....San Francisco, Cal
G. E. Watts.....Atlanta, Ga

DUNER CO.,
101 So. Clinton St., Chicago, Ill
John C. Duner..... "
F. L. Wells..... "

DUNHAM CO., C. A.,
450 E. Ohio St., Chicago, Ill
Birmingham, Ala.—507 Second St., No
Boston, Mass.—136 Federal St.
Cincinnati, O.—Union Trust Bldg.
Cleveland, O.—Erie Bldg.
Dallas, Tex.—Sante Fe Bldg.
Denver, Col.—414 W. Colfax Ave.
Des Moines, Ia.—Hubbell Bldg.
Indianapolis, Ind.—Bd. Trade Bldg.
Kansas City, Mo.—Davidson Bldg.
Los Angeles, Cal.—617 W. 7th St.
Louisville, Ky.—Starks Bldg.
Milwaukee, Wis.—290 Third St.
New York, N. Y.—101 Park Ave.
Philadelphia, Pa.—112 So. 16th St.
Pittsburgh, Pa.—May Bldg.
Portland, Ore.—Bd. Trade Bldg.
St. Louis, Mo.—3605 Laclede Ave.
Salt Lake City, Utah—Dooly Bldg.
San Francisco, Cal.—585 Mission St.
Seattle, Wash.—L. C. Smith Bldg.
Washington, D. C.—710 14th St., N. W
O. J. Allonier.....Cincinnati, O
N. C. Ascher.....Indianapolis, Ind
C. L. Chase.....Milwaukee, Wis
Preston Daniels.....Des Moines, Ia
A. R. Draves.....Los Angeles, Cal
Arthur Dufty.....Cleveland, O
F. H. Godfrey.....Seattle, Wash
Macy S. Good.....Chicago, Ill
E. R. Hawley.....Salt Lake City, Utah
J. P. Hermans.....San Francisco, Cal
Wallace Hoeing.....Louisville, Ky
M. G. Hook.....New York, N. Y
F. D. B. Ingalls.....Boston, Mass
C. P. Lichty.....Birmingham, Ala
H. K. Mead.....Portland, Ore
J. F. Mewshaw.....Washington, D. C
L. A. Michael.....Denver, Col
L. W. Millar.....Chicago, Ill
L. G. Paine.....Philadelphia, Pa
W. H. Riblet.....New York, N. Y
Frank L. Russell.....St. Louis, Mo
J. H. Van Zandt.....Dallas, Tex
C. H. Wheeler.....Pittsburgh, Pa
H. H. Wright.....Kansas City, Mo

DUNN CO., W. C.,
832 W. 6th St., Cincinnati, O
J. W. Dunn..... "
W. C. Dunn..... "

DU PONT DE NEMOURS & CO., E. I.,
(Railway Sales Dept.) Parlin, N. J.
Chicago, Ill.—2100 Elston Ave.
F. H. Crawford, West'n Mgr..Chicago, Ill
P. G. Kennett, Mgr.....Parlin, N. J
A. V. Marti, Asst. West'n Mgr..Chicago, Ill
H. W. Spangenberg, Asst. to Mgr.....Parlin, N. J

DUQUESNE STEEL FOUNDRY CO.,
Union Bank Bldg..Pittsburgh, Pa
Washington, D. C.—Woodward Bldg.
D. C. Bakewell, Pres..Pittsburgh, Pa
A. B. Crawford..... "
H. H. Moffitt.....Washington, D. C
A. D. Neal.....Pittsburgh, Pa
C. A. Young, V.-Pres.... "

DU-WEL STEEL PRODUCTS CO.,
Railway Exch. Bldg., Chicago, Ill
Los Angeles, Cal.—1334 E. 6th St.
New York, N. Y.—30 Church St.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—Title Guaranty Bldg.
Winnipeg, Man.—103 Princess St.
E. E. Amory..... Chicago, Ill
A. S. Bland..... St. Louis, Mo
James Isaacs.....New York, N. Y
J. F. Leonard.....Richmond, Va
C. R. Mediand.....Winnipeg, Man
R. M. Mulvey..... Chicago, Ill
G. T. Mumford.....Winnipeg, Man
H. W. Renick.....Los Angeles, Cal
J. V. Wescott, Pres. & Treas..Chicago, Ill
Wm. Westerlund, Sec..... "
P. P. Williams.....New York, N. Y

EAGLE LOCK CO., Terryville, Conn
Boston, Mass.—114 Bedford St.
Chicago, Ill.—179 No. Franklin St.
Dallas, Tex.—Kirby Bldg.
Los Angeles, Cal.—Washington Bldg.
Memphis, Tenn.—Randolph Bldg.
Nashville, Tenn.—Nashville Tr. Bldg.
New York, N. Y.—26 Warren St.
Philadelphia, Pa.—521 Commerce St.
San Francisco, Cal.—Wells-Fargo Bldg
Seattle, Wash.—Pioneer Bldg
Winnipeg, Man.—Cont'l Life Bldg
E. R. Adams.....Los Angeles, Cal
C. A. Ames.....New York, N. Y

(Continued on following page.)

EAGLE LOCK CO.—Continued.

S. Anderson.....Chicago, Ill
G. W. Carter .....Geneva, O
Tillman Cavert.....Nashville, Tenn
A. W. Clark.....New York, N. Y
Wilbur H. Davis.....Chicago, Ill
A. A. Greene.....Seattle, Wash
J. J. Greves.....New York, N. Y
A. J. Howell.....San Francisco, Cal
John S. Howell..... "
J. O. Lash..... New York, N. Y
V. C. Leonard..... "
M. G. Lipscomb.....Dallas, Tex
H. R. Miller.....Memphis, Tenn
Harry F. Moulden.....Winnipeg, Man
J. H. Nolan.....New York, N. Y
W. B. Parker.....Philadelphia, Pa
H. B. Plumb.....New York, N. Y
R. G. Plumb..... "
E. A. Sherlock.. ..... "
A. C. Taylor.....Chicago, Ill
A. H. Wagner..... "
T. T. Weekes.....Boston, Mass

ECONOMY ELECTRIC LANTERN CO.,
549 W. Washington Blvd., Chicago, Ill
R. W. Palmatier..... "

EDGEWATER STEEL CO.,
Pittsburgh, Pa
Atlanta, Ga.—Candler Bldg.
Baltimore, Md.—Munsey Bldg.
Boston, Mass.—53 Oliver St.
Chicago, Ill.—122 So. Michigan Ave.
Louisville, Ky.—Starks Bldg.
New York, N. Y.—Grand Central Term.
Philadelphia, Pa.—Liberty Bldg.
Portland, Ore.—609 Upshur St.
St. Louis, Mo.—Ry. Exchange Bldg.
St. Paul, Minn.—Merch. Bank Bldg.
San Francisco, Cal.—489 Bryant St.
Seattle, Wash.—910 First Ave., So.
Washington, D. C.—Munsey Bldg.
J. H. Baily, Sec.....Pittsburgh, Pa
F. B. Bell, Pres..... "
L. O. Cameron.....Washington, D. C
M. A. Carlton.....Baltimore, Md
A. J. Couse.....Chicago, Ill
Scott Donahue.....New York, N. Y
G. H. Goodell.....St. Paul, Minn
G. F. Hickok..... { Portland, Ore. / San Francisco, Cal / Seattle, Wash. }
J. H. Perry, Jr.....Philadelphia, Pa
C. G. Rank.....St. Paul, Minn
C. H. Sherburne..... ... Boston, Mass
M. S. Simpson.....Louisville, Ky
E. A. Thornwell.....Atlanta, Ga
H. J. Tierney.....St. Louis, Mo
Wm. V. D. Wright, V.-Pres...Chicago, Ill

EDISON, INC., THOS. A.,
Primary Battery Division,
Bloomfield, N. J
Chicago, Ill.—122 So. Michigan Ave.
St. Louis, Mo.—Railway Exchange.
San Francisco, Cal.—Balboa Bldg.
E. W. Brown.....Bloomfield, N. J
J. R. Brown.....San Francisco, Cal
R. J. Frost.....Chicago, Ill
P. A. Garrity ..... "
C. R. Heron.....Bloomfield, N. J
B. F. Hines.....St. Louis, Mo
A. J. Loughren.....Bloomfield, N. J
L. W. McChesney, Vice-Pres. & Mgr..... "
E. W. Newcomb.....San Francisco, Cal
O. P. Rose.....Chicago, Ill
W. J. Savage.....Bloomfield, N. J
F. S. Stallknecht..... "
R. E. Trout, V.-Pres. & Gen. Sales Mgr..... "

EDISON STORAGE BATTERY CO.,
Orange, N. J
Atlanta, Ga.—200 Means St.
Boston, Mass.—702 Beacon St.
Chicago, Ill.—3130 So. Michigan Ave.
Cleveland, O.—2090 E. 19th St.
Detroit, Mich.—101 Warren Ave., W.
Los Angeles, Cal.—San Fernando Bldg
New Orleans, La.—Audubon Bldg.
New York, N. Y.—548 West 22nd St.
Philadelphia, Pa.—2401 Chestnut St.
Pittsburgh, Pa.—Fulton Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—206 First St.
Seattle, Wash.—Polson Bldg.
Washington, D.C.—1411 G St., N.W.
W. F. Bauer, West. Mgr. Ry. Dept.....Chicago, Ill
W. E. Beck.....Detroit, Mich
W. L. Credeford, Mgr..Washington, D.C
P. F. Donovan, Mgr.....Boston, Mass
T. M. Duff, Mgr.....Atlanta, Ga
F. C. Gibson, Mgr.....Seattle, Wash
L. F. Jago .....St. Louis, Mo
E. C. Laffey, Mgr.....New York, N. Y
L. R. Lindsley, Mgr.....Chicago, Ill
J. K. Mahaffey, Mgr.....Pittsburgh, Pa
D. B. Mugan.....New York, N. Y
P. R. Nelson, Mgr.....Cleveland, O
John Pulster, Mgr.....New Orleans, La
G. E. Stringfellow, V.-Pres. & Gen. Mgr.....Orange, N. J
W. M. Taylor, Mgr....Philadelphia, Pa
G. F. Wakeman, Sec. Mgr..... } San Francisco, Cal / Los Angeles, Cal
D. C. Wilson, Sales Mgr.....Orange, N. J

EDNA BRASS MFG. CO.,
528 Reading Road, Cincinnati, O
Chicago, Ill.—McCormick Bldg.
Wm. Beck.....Little Rock, Ark
R. B. Buram, 2d V.-Pres. & Sales Mgr.....Cincinnati, O
E. O. Corey..... "
J. E. Dillon..... "
L. Dromgold.....Chicago, Ill
H. A. Glenn..... "
Emil Jacobsen, Sec.....Cincinnati, O
David B. Joseph, V.-Pres. & Treas..... "
B. I. Kaufmann, Pres..... "
C. B. Randall.....New Orleans, La
F. S. Wilcoxen.....Chicago, Ill

EDWARDS CO., INC., THE O. M.,
Syracuse, N. Y
Chicago, Ill.—38 So. Dearborn St.
New York, N. Y.—412 Broadway.
E. F. Chaffee.....Syracuse, N. Y
F. W. Chaffee.....Chicago, Ill
J. J. Edwards.....Syracuse, N. Y
A. J. Horgan.....New York, N. Y
C. H. Rockwell.....Chicago, Ill

ELECTRIC CONTROLLER & MFG.CO.,
Cleveland, O
Birmingham Ala.—Brown-Marx Bldg
Chicago, Ill.—111 W. Washington, St.
Cincinnati, O.—1st Nat'l Bk. Bldg.
Detroit, Mich.—Dime Bank Bldg.
New York, N. Y.—50 Church St.
Philadelphia, Pa.—Witherspoon Bldg.
Pittsburgh, Pa.—Oliver Bldg.
Toronto, Ont.—Traders' Bank Bldg.
W. H. Beatty.....Birmingham, Ala
A.C. Dyer..... Pittsburgh, Pa
R. J. Ehrhart.....Chicago, Ill
W. D. Falkenstein.....Pittsburgh, Pa
A. J. Freund..... "
W. S. Gain.....New York, N. Y
H. K. Hardcastle.....Philadelphia, Pa
D G. Hunter.....Chicago, Ill
W. C. Jackson.....Cleveland, O
R. T. Johnson.....Pittsburgh, Pa
F. L. Jones.....New York, N. Y
H. K. Liedy.....Philadelphia, Pa
C. D. McCord.....Cleveland, O
J. P. Moore..... "
H. A. Philip.....New York, N. Y
R. M. Phillips.....Cleveland, O
A. A. Piper.....Cincinnati O
E. C. Ryan.....Chicago, Ill
H. L. Slauson, Jr.,.....New York, N. Y
J. C. Snyder.....Pittsburgh, Pa
W. J. Sonnenburg.....Detroit, Mich
E. F. Vidro..... "
A. J. Walz.....Chicago, Ill
A. L. Ward.....Toronto, Ont
W. R. Yorkey.....New York, N. Y

ELECTRIC SERVICE SUPPLIES CO.,
17th & Cambria Sts., Philadelphia, Pa
Max A. Berg, Sec.....Chicago, Ill
T. M. Childs..... "
L. A. Darling, Mech. Eng. } Philadelphia,
A. H. Englund, V-Pres. } Pa,
& Treas..... "
H. J. Graham..... "
H. G. Lewis, V.-Pres. & Sales Mgr..... "
C. J. Mayer, Pres..... "
J. R. McFarlin, Elec. Eng. "
J. W. Porter, V.-Pres.....Chicago, Ill

ELECTRIC STORAGE BATTERY CO.,
General offices, Allegheny Ave. & 19th St., Philadelphia, Pa
Atlanta, Ga.—Baker & Peachtree Sts.
Boston, Mass.—100 Ashford St.
Chicago, Ill.—140 So. Dearborn St.
Cincinnati, O.—1142 Sycamore St.
Cleveland, O.—Chester Ave. & E. 24th St.
Denver, Col.—1420-24 Wazee St.
Detroit, Mich.—5740 Cass Ave.
Kansas City, Mo.—129 Belmont Blvd.
Minneapolis, Minn.—3 North 15th St.
New York, N. Y.—23 West 43d St.
Philadelphia, Pa.—671 N. Broad St.
Pittsburgh, Pa.—Union Trust Bldg.
Rochester, N. Y.—642 Plymouth Ave., S
St. Louis, Mo.—1058 S. Vandeventer Ave
San Francisco, Cal.—1536 Bush St.
Seattle, Wash.—1041 Railroad Ave. So
Washington, D. C.—1823 L St., N. W.
A. H. Adkins.. .....Washington, D. C
G. H. Atkin, Dist. Mgr.....Chicago, Ill
R. I. Baird..... "
H. M. Beck.....Chicago, Ill
H. W. Beedle, Asst. Mgr. Boston, Mass
F. G. Beetem.....Philadelphia, Pa
W. B. Bowie, Mgr.....Rochester, N. Y
H. G. Carron, Mgr.....Detroit, Mich
H. B. Crantford. Mgr.
Sig. Dept.....Philadelphia, Pa
Geo. V. Cripps.....Cleveland, O
L. N. Crissman.....Pittsburgh, Pa
J. A. Cronk.....Atlanta, Ga
F. P. Dereby.....Chicago. Ill
P. G. Downton, Mgr. Minneapolis, Minn
J. D. Fischer.....Chicago, Ill
H. S. C. Folk.....New York, N.Y
J. A. Gould, Mgr.....Kansas City. Mo
H. B. Hamilton, Mgr.....Cincinnati, O
W. C. Hooven, Mgr... Philadelphia, Pa
H. E. Hunt..... "
F. T. Kalas, Dist. Mgr.... "
F. L. Kellogg, Dist. Mgr. New York. N. Y
W. R. Knappenberger.....Chicago, Ill
E. L. Lord.....San Francisco, Cal
G. D. Luther, Mgr.....Seattle. Wash
H. S. Mills.....New York, N.Y
T. Milton, Mgr.....Chicago, Ill
Thos. L. Mount, Mgr. Car Light Dept.....Philadelphia, Pa
George R. Murphy, Dist. Mgr.....San Francisco, Cal
T. P. O'Malley, Mgr.....St. Louis, Mo
W. H. Palmer, Jr., Mgr. Ry. Sales.....Philadelphia. Pa
W. H. Payne.....St. Louis, Mo
M. C. Pope, Jr., Mgr.....Atlanta, Ga
A. M. Ripley.....Kansas City, Mo
J. N. Rosholt, Mgr.....Denver, Col
F. F. Sampson, Mgr.....New York, N.Y
H. F. Sauer, Mgr.....Cleveland, O
C. W. Terry, Dist. Mgr....Detroit. Mich
J. W. Tierney.....Chicago, Ill
E. H. Watkins.....Philadelphia, Pa
R. A. Whetstone, Jr. Mgr. Pittsburgh, Pa
R. Whitehurst, Mgr...Washington, D. C
J. Lester Woodbridge, Ch. Eng.....Philadelphia, Pa

ELWELL-PARKER ELECTRIC CO.,
50 Church St., New York, N. Y.
Atlanta, Ga.—Citizens & So. Bk. Bldg.
Baltimore, Md.—Calvert Bldg.
Boston, Mass.—49 Federal St.
Buffalo, N. Y.—Jackson Bldg.
Chicago, Ill.—410 N. Michigan Ave.
Cincinnati, O.—111 E. 4th St.
Cleveland, O.—Leader-News Bldg.
Denver, Col.—1400 W. Colfax Ave.
Detroit, Mich.—5860 Cass Ave.
Fort Worth, Tex.—2557 Rogers Ave.
Indianapolis. Ind.—Ind. Term. Ware house Bldg.
Kansas City, Mo.—Land Bk. Bldg.
Milwaukee, Wis.—610 Sycamore St.
Montreal, Can.—Transportation Bldg.
New Haven, Conn.—Malley Bldg.
New Orleans, La.—800 So. Peters St.
Omaha, Neb.—1003 Farnam St.
Philadelphia, Pa.—Land Title Bldg
Pittsburgh, Pa.—Park Bldg.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—2677 Washington Ave.
St. Paul, Minn.—Endicott Bldg.

(Continued on following page.)

ELWELL-PARKER ELECTRIC CO.—Continued.
Salt Lake City, Utah—Dooly Block.
San Francisco, Cal.—200 Davis St.
Seattle, Wash.—1520 Tenth Ave.
W. J. R. Alexander.....Cincinnati, O
Geo. W. Brown.....Chicago, Ill
Lucian C. Brown.....New York, N. Y
A. H. Dobler.....Chicago, Ill
Andrew C. Duncan.....St. Louis, Mo
B. F. Eyer.....Kansas City, Mo
H. W. FauntLeRoy.....Baltimore, Md
M. R. Ferguson.....Montreal, Can
Stewart H. Ford.....Richmond, Va
R. H. Fox.....Denver, Col
F. G. Fripp.....Boston, Mass
A. A. Fuchs.....Omaha, Neb
I. R. Gard.....Seattle, Wash
J. W. Gates.....Salt Lake City, Utah
C. I. Glassbrook..... "
H. G. Hansen.....New York, N. Y
Geo. C. Hayes.....Indianapolis, Ind
Arthur S. Hill.....Boston, Mass
W. S. Hill.....Ft. Edward, N. Y
R. C. Howell.....Cleveland, O
E. H. Jahnz.....New York, N. Y
W. C. Kershaw..... "
Edw. Kopper.....St. Paul, Minn
J. P. Lyons.....Atlanta, Ga
H. H. McNair.....St. Paul, Minn
J. L. B. Melkle.....New Haven, Conn
F. B. Neely.....Philadelphia, Pa
H. Ostrander.....Chicago, Ill
Ira G. Perin.....San Francisco, Cal
F. E. Price.....Detroit, Mich
F. D. Quinn.....Ft. Worth, Tex
D. D. Ritson.....Orange, N. J
W. H. Simpson.....New Orleans, La
Ray Smith.....Buffalo, N. Y
F. B. Ward.....Pittsburgh, Pa
Geo. M. Wolff.....Milwaukee, Wis

EUREKA BRASS COMPANY,
Red Bud & Bulwer Aves., St. Louis, Mo
Chas. Erickson..... "
Frank Haggenjos, Pres.. "
John Haggenjos, V.-Pres. "

EWALD IRON COMPANY., INC.,
231 West Main St., Louisville, Ky
Chicago, Ill.—Ry. Exchange Bldg.
New York, N. Y.—33 W. 42d St.
St. Paul, Minn.—Pioneer Bldg.
G. O. Boomer, V.-Pres....Louisville, Ky
J. P. Bourke, V.-Pres...New York, N. Y
Baylor Hickman, Pres...Louisville, Ky
R. F. Kilpatrick..... "
H. E. Pierce..... "
E. V. Shackleford.....St. Paul, Minn
W. R. Walsh.....Chicago, Ill

EXCHANGE SAWMILLS SALES CO.,
R. A. Long Bldg., Kansas City, Mo
Chicago, Ill.—810 So. Michigan Blvd.
Dallas, Tex.—Magnolia Bldg.
New Orleans, La.—Audubon Bldg.
New York, N.Y.—Grand Central Term
St. Louis, Mo.—Arcade Bldg.
T. T. Crenshaw.....New York, N. Y
L. C. Lingham.....Cleveland, O
Guy H. Mallam.....New Orleans, La
L. J. Marshall.....Chicago, Ill
L. B. Oeth.....St. Louis, Mo
R. S. Price.....Kansas City, Mo
G. A. Sheppard.....Houston, Tex
H. A. Strube.....Dallas, Tex

FAESSLER MFG. CO., J., Moberly, Mo
Chicago, Ill.—832 So. Michigan Ave.
New York, N. Y.—30 Church St.
St. Louis, Mo.—Ry. Exchange Bldg.
P. C. Cady.....New York, N. Y
J. W. Faessler.....Moberly, Mo
G. R. Maupin..... "
C. F. Palmer.....Chicago, Ill
F. E. Palmer.....St. Louis, Mo

FAIRBANKS, MORSE & CO.,
900 So. Wabash Avenue, Chicago, Ill
Atlanta, Ga.—479 Whitehall St.
New York, N. Y.—122 Greenwich St.
St. Louis, Mo.—217 S. Eighth St.
St. Paul, Minn.—220 E. Fifth St.
San Francisco, Cal.—35 Harrison St.
W. F. Anderson.....Chicago, Ill
H. M. Beebe..... "
E. P. Chase..... "
F. M. Condit, Dist. Mgr..... "
Edw. J. Coverdale..... "
F. P. Drinker, Mgr. Eng. Dept. "
E. M. Fisher..... "
J. C. Flanagan..... "
J. T. Frame..... "
C. T. Fugitt, Dist. Mgr.....Atlanta, Ga
P. H. Gilleland, Mgr. R. R. Div.....Chicago, Ill
E. C. Golladay..... "
H. L. Hilleary, Dist. Mgr..St. Louis, Mo
W. S. Hovey, V.-Pres. & Gen. Mgr.....Chicago, Ill
G. Howard.....St. Paul, Minn
J. L. Jones.....Chicago, Ill
Roger F. Lane.....New York, N. Y
D. K. Lee.....Chicago, Ill
F. J. Lee..... "
G. W. Lewis..... "
L. H. Matthews.....San Francisco, Cal
W. L. Nies.....Chicago, Ill
C. B. O'Neil..... "
E. E. Pendray, Dist. Mgr. New York, N. Y
C. A. Rauch.....Chicago, Ill
F. C. Snyder..... "
B. S. Spaulding..... "
J. B. Terrell..... "
H. E. Vogel.....Baltimore, Md
F. N. Whitesell.....Chicago, Ill
C. H. Wilson..... "
J. E. Woods.....San Francisco, Cal

FAIRMONT RAILWAY MOTORS, INC.,
Fairmont, Minn
Chicago, Ill.—122 So. Michigan Ave.
New Orleans, La.—Union Indemnity Bldg.
New York, N.Y.—Grand Central Term.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—639 Mission St.
Washington, D. C.—Transportation Bldg.
Winnipeg, Man.—Charlotte & Notre Dame Sts.
C. W. Brhel, Serv. Mgr..Fairmont, Minn
W. D. Brooks, Asst. Sales Mgr..... "
C. J. Dammann..... "
W. G. Day.....New Orleans, La
H. D. Fitz, Pur. Agt....Fairmont, Minn
S. D. Gibson, Dist. Sales Mgr.....Washington, D. C

(*Continued on following page*).

FAIRMONT RAILWAY MOTORS, INC.—Continued.
W. A. Goold, Dist. Sales Mgr.....Winnipeg, Man
R. W. Jamison, Dist. Sales Mgr.....San Francisco, Cal
W. F. Kasper, Ch. Eng. & Sales Mgr.....Fairmont, Minn
E. R. Mason, Dist. Sales Mgr.....Chicago, Ill. ; New York, N. Y
L. R. Payton, Dist. Sales Mgr.....St. Louis, Mo
E. E. Phifer, Asst. Serv. Mgr.....Fairmont, Minn
H. M. Starrett, Prod. Mgr. "
J. A. Turner, Dist. Sales Mgr.....Washington, D. C
H. E. Wade, Pres.....Fairmont, Minn
C. S. White, Traf. Mgr. "

FALLS HOLLOW STAYBOLT CO., Cuyahoga Falls, O
Boston, Mass.—100 Boylston St.
Duluth, Minn.—412 W. 1st St.
Houston, Tex.—2d Natl. Bldg.
Minneapolis, Minn.—Metro. Life Bldg.
New York, N. Y.—17 Battery Pl.
Pittsburgh, Pa.—219 Third Ave.
St. Louis, Mo.—214 No. 6th St.
San Francisco, Cal.—Rialto Bldg.
Toronto, Ont.—Foot Market St.
J. W. Cain.....Houston, Tex
W. Harding Davis.....St. Louis, Mo
C. W. Gridley.....Boston, Mass
Chas. Hubbard.....New York, N. Y
A. J. Klingel.....Minneapolis, Minn
S. Clyde Kyle.....San Francisco, Cal
J. C. Lappe.....Pittsburgh, Pa
W. P. Mars.....Duluth, Minn
J. G. Near.....Toronto, Ont
T. L. Salas.....Mexico, D. F

FERGUSON-ALLAN CO., Batavia, N. Y
Buffalo, N. Y.—Fidelity Bldg.
F. W. Allan, Pres.....Batavia, N. Y
Oscar Epp, Asst. Mgr..... "
Herman Hatten, Supt.... "
J. W. Laird, V.-Pres.....Buffalo, N. Y

FIRTH-STERLING STEEL CO., McKeesport, Pa
Boston, Mass.—85 West 1st St.
Chicago, Ill.—710 W. Lake St.
Cleveland, O.—1424 E. 25th St., N. E.
Detroit, Mich.—Book Bldg.
Hartford, Conn.—Amer. Indust'l Bldg
Los Angeles, Cal.—2154 Santa Fe Ave.
New York, N. Y.—312 Hudson St.
Philadelphia, Pa.—721 Arch St.
San Francisco, Cal.—163 First St.
A. E. Barker.....New York, N. Y
D. G. Clark..... "
C. C. Hamilton.....San Francisco, Cal
E. P. Hedges.....Chicago, Ill
Alan Jackman.....St. Louis, Mo
D. E. Jackman, Jr.....Pittsburgh, Pa
E. S. Jackman.....Chicago, Ill
E. T. Jackman..... "
G. A. Jacobs.....Detroit, Mich
Frederic Jarvis.....Philadelphia, Pa
Harry Jarvis.....Aspinwall, Pa
J. H. Johnson.....Newark, N. J
R. F. Kimber.....Syracuse, N. Y
Thos. A. Larecy.....Cleveland, O
J. V. Little.....Philadelphia, Pa
W. J. MacFarland..... "
A. Mattson.....Boston, Mass
F. N. Mead.....Milwaukee, Wis
L. W. Mead.....Los Angeles, Cal
Frederick Miller.....Bridgeport, Conn
Henry I. Moore.....Hartford, Conn
Wm. E. Nelson.....Los Angeles, Cal
W. A. Nungester.....Lima, O
I. Olsen.....Chicago, Ill
E. E. Roberts.....Buffalo, N. Y
W. C. Royce.....Cleveland, O
L. S. Russell.....Chicago, Ill
Jos. Smith.....El Paso, Tex
O. T. Smith.....Boston, Mass

FLANNERY BOLT CO., Flannery Bldg., Pittsburgh, Pa
Chicago, Ill.—332 So. Michigan Ave.
Knoxville, Tenn.—General Bldg.
St. Paul, Minn.—Pioneer Bldg.
E. S. Fitzsimmons, Mgr. Sales.....Pittsburgh, Pa
E. G. Flannery.....Philadelphia, Pa
J. Rogers Flannery, Pres. Pittsburgh, Pa
B. C. Hooper.....St. Paul, Minn
John H. Murrian.....Knoxville, Tenn
E. J. Rensswig.....New York, N. Y
W. M. Wilson.....Chicago, Ill

FLAXLINUM INSULATING CO., St. Paul, Minn
Boston, Mass.—Colonial Bldg.
New York, N. Y.—Grand Central Term.
Frank Evans.....St. Paul, Minn
B. A. Hegeman, Jr.....New York, N. Y
H. A. Hegeman..... "
C. C. Martin.....St. Paul, Minn
Dan B. McNeill..... "
W. C. Peters.....New York, N. Y
F. M. Richards.....Boston, Mass

FLEMING & SON CO., INC., J. R., Scranton, Pa
Chicago, Ill.—Peoples Life Bldg.
Philadelphia, Pa.—Packard Bldg.
A. J. Fleming.....Scranton, Pa
J. R. Fleming..... "
Arthur C. Hirst.....Philadelphia, Pa
J. A. Moffit.....Chicago, Ill

FORD CHAIN BLOCK CO., 2nd & Diamond Sts., Philadelphia, Pa
J. V. Kelly..... "
W. M. Manion..... "
H. B. Rennolds..... "

FORD CO., THE J. B., Wyandotte, Mich
Atlanta, Ga.—Hurt Bldg.
Baltimore, Md.—Md. Trust Bldg.
Boston, Mass.—Park Sq. Bldg.
Buffalo, N. Y.—842 Ellicott Sq.
Chicago, Ill—160 No. La Salle St.
Cincinnati, O.—Provident Bk. Bldg.
Cleveland, O.—Guardian Bldg.
Dallas, Tex—Republic Bk. Bldg.
Denver, Col.—Foster Bldg.
Detroit, Mich.—Dime Bk. Bldg.
Grand Rapids, Mich.—Mich. Bldg. Loan Bldg.
Indianapolis, Ind.—Merch. Bk. Bldg.
Kansas City, Mo.—Commerce Tr. Bldg
Los Angeles, Cal.—Security Bldg.
Louisville, Ky.—1721 Bardstown Rd.

(*Continued on following page.*)

FORD CO., THE J. B.—Continued.
Milwaukee, Wis.—First Natl. Bk. Bldg
Minneapolis, Minn.—740 Washington Ave. No.
Newark, N. J.—Wies Bldg.
New Orleans, La.—Whitney Cent. Bldg.
New York, N. Y.—290 Broadway.
Omaha, Neb.—W. O. W. Bldg.
Philadelphia, Pa.—Bulletin Bldg.
Pittsburgh, Pa.—Fulton Bldg.
Portland, Ore.—53 Fourth St.
Providence, R. I.—Grosvenor Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—Commercial Bldg.
Seattle, Wash.—L. C. Smith Bldg.
Syracuse, N. Y.—Onondaga Bk. Bldg.
E. C. Beardsley.....Philadelphia, Pa
H. K. Conklin.....Grand Rapids, Mich
F. S. Du Gray.....Boston, Mass
A. A. Fredrick..... { Portland, Ore / Seattle, Wash
G. E. Gordon.....New York, N. Y
N. D. Gordon.....Minneapolis, Minn
S. C. J. Gray.....Omaha, Neb
R. C. Hansburger.....Ft. Worth, Tex
E. R. Hansen.....Milwaukee, Wis
E. Harrigan.....Kansas City, Mo
H. Hoflus.....San Francisco, Cal
Jos. Hruby.....Detroit, Mich
A. M. Ivy.....Dallas, Tex
W. C. Kincaide.....New Orleans, La
Wm. LaRocque.....Los Angeles, Cal
C. M. Mathews.....Atlanta, Ga
H. H. McClannahan.....Buffalo, N. Y
S. J. McDaniel.....Nashville, Tenn
F. R. Merrick.....Cleveland, O
S. E. Miller.....Denver, Col
E. J. Small.....Indianapolis, Ind
J. H. Smith.....Pittsburgh, Pa
S. A. Smith.....Louisville, Ky
P. S. Troop.....Providence, R. I
C. W. Troxell.....Cincinnati, O
F. E. Vales.....Syracuse, N. Y
P. F. Vogelsang.....Newark, N. J
Gus Willwerth.....Chicago, Ill
J. D. Worth.....Baltimore, Md
E. A. Zott.....St. Louis, Mo

FORGED STEEL WHEEL CO.,
Frick Bldg., Pittsburgh, Pa
Chicago, Ill.—343 So. Dearborn St.
New York, N. Y.—120 Broadway.
St. Louis, Mo.—Ry. Exchange Bldg.
C. G. Bacon.....Pittsburgh, Pa
Howard Carlton.....Baltimore, Md
J. F. Drake.....Pittsburgh, Pa
R. L. Gordon.....New York, N. Y
J. M. Hansen.....Pittsburgh, Pa
Blake C. Howard.....St. Louis, Mo
P. G. Jenks.....Chicago, Ill
W. A. Libkeman..... "
J. M. Mellon..... Pittsburgh, Pa
John H. Mitchell..... "

FORT PITT SPRING & MFG. CO.,
General Office, McKees Rocks, Pa.
Boston, Mass.—53 Oliver St.
Denver, Col.—407 Fourteenth St.
Detroit, Mich.—Free Press Bldg.
Houston, Tex.—2nd Natl. Bk. Bldg.
Montreal, Que.—285 Beaver Hall Hill.
New York, N. Y.—452 Lexington Ave.
Philadelphia, Pa.—Finance Bldg.
St. Louis, Mo.—Commercial Bldg.
San Francisco, Cal.—Chancery Bldg.
Washington, D. C.—Munsey Bldg.
H. W. Beadling.....McKees Rocks, Pa
J. P. Bell.....San Francisco, Cal
L. O. Cameron.....Washington, D. C
H. S. Crary.....McKees Rocks, Pa
R. S. Harris.....New Orleans, La
B. A. Hegeman, Jr.....New York, N. Y
J. W. Irwin.....McKees Rocks, Pa
Maurice Joy.....Philadelphia, Pa
D. P. Lamoreux.....Montreal, Que
R. L. Leitch, Treas..McKees Rocks, Pa
C. M. Lovsted.....Seattle, Wash
Wm. McBride, Pres..McKees Rocks, Pa
Henry Miller..... "
D. S. Molyneaux..... "
Jas. E. Peddle.....St. Louis, Mo
C. B. Porter.....Houston, Tex
C. H. Sherburne.....Boston, Mass
R. H. Tate.....Pittsburgh, Pa
B. C. Watts.....Denver, Col
W. G. Wetherby.....Detroit, Mich

FRAIM-SLAYMAKER HARDWARE CO., INC.,
1st St. W. End Ave. & 2d St., Lancaster, Pa
Indianapolis, Ind.—4245 College Ave.
Los Angeles, Cal.—316 Commercial St.
St. Louis, Mo.—Chemical Bldg.
Winnipeg, Can.—Royal Bank Bldg.
W. Bruce Campbell.....Winnipeg, Can
W. E. Fraim.....Lancaster, Pa
C. H. Gibbs..... "
Burt F. Groff.....Indianapolis, Ind
H. H. Hanton.....Lancaster, Pa
J. M. Kendig..... "
E. L. Meadowcroft..... "
Geo. M. Miller..... "
A. C. Riddell.....Los Angeles, Cal
S. C. Slaymaker.....Lancaster, Pa
W. Heyward Smith..... "
J. B. Webb.....St. Louis, Mo

FRANK, M. K.,
Union Trust Bldg., Pittsburgh, Pa
Max Fruchs..... "

FRANKLIN RAILWAY SUPPLY CO., INC. 17 E. 42d St., New York, N. Y
Chicago, Ill.—332 South Michigan Ave
Montreal, Que.—Transportation Bldg
Philadelphia, Pa.—Cunard Bldg
St. Louis, Mo.—Boatmen's Bk. Bldg.
San Francisco, Cal.—Monadnock Bldg
Bertram S. Allen, Treas. New York, N. Y
Sam'l G. Allen, V.-Chman. "
John L. Bacon..... "
F. M. Ball.....Philadelphia, Pa
H. F. Ball, Pres.....New York, N. Y
C. W. F. Coffin, V.-Pres. "
J. S. Coffin, Chman..... "
J. S. Coffin, Jr.....Montreal, Que
W. T. Comley..... "
W. J. Coventry.....Winnipeg, Man
W. H. Coyle, Sr. V.-Pres..New York, N. Y
H. M. Evans, V.-Pres..... "
Frank N. Foote, Compt. "
H. J. Hague.....Toronto, Ont
W. T. Lane.....Chicago, Ill
James McLaughlin..San Francisco, Cal
Frank R. Peters.....New York, N. Y
J. L. Randolph, V.-Pres....Chicago, Ill

(*Continued on following page.*)

FRANKLIN RAILWAY SUPPLY CO., INC.—Cont'd.
Thos. L. Reed.....Atlanta, Ga
M. H. Roberts, V.-Pres..New York, N.Y
S. D. Rosenfelt.....St. Louis, Mo
C. A. Stewart.....Moncton, N. B
J. A. Talty.....Buffalo, N. Y
H. J. Titus.....New York, N. Y
H. S. Vincent..... "
Paul Weiler.....Dunkirk, N. Y
T. P. Whelan.....Chicago, Ill
Paul Willis.....St. Paul, Minn
C. L. Winey, Exec. V.-Pres. } New York,
G. H. Zouck..... } N. Y

FREDERICK IRON & STEEL CO.,
Frederick, Md
New York, N. Y.—90 West St.
Philadelphia, Pa.—15 No. 6th St.
J. J. Conway.....New York, N. Y
C. E. Miser..... Frederick, Md
W. W. Wills.....Philadelphia, Pa

FRENCH RENOVATING CO.,
5518 Euclid Ave., Cleveland, O
Smith Hamilton..... "
B. C. Shannon..... "
Victor C. Snyder..... "
Arnold L. Stern..... "

FRICTIONLESS RAIL,
683 Atlantic Ave., Boston, Mass
Chicago, Ill.—125 So. Michigan Ave.
F. A. Barbey, Trustee.....Boston, Mass
W. E. Cade, Jr.....
H. G. Doran.....Chicago, Ill
T. F. Dwyer, Jr.....Boston, Mass
J. C. Little.....Chicago, Ill
S. W. Simonds, Treas.....Boston, Mass

FROG, SWITCH & MFG. CO., Carlisle, Pa
Chicago, Ill.—105 W. Monroe St.
New York, N. Y.—90 Church St.
Pittsburgh, Pa.—Oliver Bldg.
Washington, D.C.—Union Trust Bldg
R. S. Hays, Chman. Bd.....Carlisle, Pa
W. L. Jackson..... "
A. Gordon Jones.....Washington, D. C
H. A. Johann.....Chicago, Ill
J. S. Morrison.....Pittsburgh, Pa
E. L. Pemberton.....New York, N. Y
L. E. Weidman.....Carlisle, Pa

FROST RY. SUPPLY CO.,
Penobscot Bldg., Detroit, Mich.
Geo. A. Cooper..... "
Harry W. Frost..... "
Harry W. Frost, Jr..... "
Harry C. Smith..... "

GALENA-SIGNAL OIL CO.,
41 East 42d St. New York, N.Y
Atlanta, Ga.—Forsythe Bldg.
Cambridge, Mass.—156 Sixth St.
Chicago, Ill.—80 E. Jackson Blvd.
Cincinnati, O.—Union Central Bldg.
Franklin, Pa.—Galena Bldg.
Montreal, Que.—Shaughnessy Bldg.
St. Louis, Mo.—Ky. Exchange Bldg.
St. Paul, Minn.—Pioneer Bldg.
San Francisco, Cal.—Monadnock Bldg
G. A. Barnes, V.-Pres...New York, N. Y
R. H. Craig.....San Francisco, Cal
C. C. Creighton.....Cincinnati, O
L. J. Drake, Pres.....New York, N. Y
C. W. Hochette, Treas.. "
J. E. Linahen, V.-Pres.....Franklin, Pa
Chas. McNair.....Montreal, Que
C. G. Melvin.....New York, N. Y
J. French Miller, Sec.....Franklin, Pa
G. L. Morton, V.-Pres.....Atlanta, Ga
C. R. Royal.....Chicago, Ill
E. Ray Speare.....Cambridge, Mass
P. H. Stack.....St. Paul, Minn
W. A. Trubee, V.-Pres..New York, N. Y
R. R. Vinnedge..... "
W. F. Walsh.....St. Louis, Mo
W. J. Walsh, V.-Pres.....Chicago, Ill

GARLOCK PACKING CO., THE
Palmyra, N. Y
Birmingham, Ala.—1922 Ave. B, South
Boston, Mass.—88 Broad St.
Chicago, Ill.—600 W. Jackson Blvd.
Cleveland, O.—1276 West Third St.
Denver, Col.—1540 Cleveland Place.
Hamilton, Ont.—200 Queen St., North
Los Angeles, Cal.—2469 Porter St.
New York, N. Y.—114 Liberty St.
Philadelphia, Pa.—1211-1217 Arch St.
Pittsburgh, Pa.—Ch. Commerce Bldg.
St. Louis, Mo.—1017 Olive St.
San Francisco, Cal.—671 Mission St.
C. D. Allen.....San Francisco, Cal
S. Anderson.....Hamilton, Ont
Phil Arnold.....Cleveland, O
P. R. Boyle.....Montreal, Que
H. A. Clark.....Hamilton, Ont
W. G. Cook.....Chicago, Ill
Leo P. Duggan.....Philadelphia, Pa
F. E. Erlandson.....St. Louis, Mo
F. A. Griffith.....Pittsburgh, Pa
H. W. Gulager.....Philadelphia, Pa
V. R. Kleyla..... "
E. W. Lane.....New York, N. Y
M. J. Lester.....Denver, Col
L. J. Mahon.....Los Angeles, Cal
P. D. Miller.....New York, N. Y
F. S. Mosher.....Palmyra, N. Y
H. J. Ramshaw.....Chicago, Ill
C. E. Roscoe.....Cleveland, O
H. M. Sweetin.....St. Louis, Mo
R. C. Wagner.....Boston, Mass
F. L. Wallace.....Birmingham, Ala
H. N. Winner, Gen. Mgr..Palmyra, N.Y
H. E. A. Woodbury.....Hamilton, Ont

GARRATT-CALLAHAN COMPANY,
148-156 Spear St., San Francisco, Cal
Baltimore, Md.—103 So. Frederick St.
Chicago, Ill.—310 So. Michigan Ave.
Detroit, Mich.—8019 Durand St.
Grand Rapids, Mich.—1324 Lake Drive
Indianapolis, Ind.—2328 No. Delaware St.
Little Rock, Ark.—521 W. 16th St.
Los Angeles, Cal.—731 Terminal St.
Memphis, Tenn.—Falls Bldg.
New Orleans, La.—342 So. Broad St.
New York, N. Y.—1328 Broadway.
Philadelphia, Pa.—213 Rockland St.
St. Louis, Mo.—2107 Fair Ave.
St. Paul, Minn.—1516 Ashland Ave.
Salt Lake City, Utah—317 So. 9th, East.
Seattle, Wash.—309 22d Ave., No.
Toledo, O.—357 Dorr St.
Washington, D. C.—1111 Lamont St. N. W.
A. H. Baker, V.-Pres. & Gen. Mgr.....Chicago, Ill
J. G. Barclay.....Indianapolis, Ind
F. W. Beinke.....St. Louis, Mo

(Continued on following page.)

GARRATT-CALLAHAN CO.—Continued.
G. C. Bennett.....Salt Lake City, Utah
E. Brawley.....Detroit, Mich
L. J. Bryant.....Toledo, O
J. J. Byrne.....Louisville, Ky
John Callahan, V.-Pres.....San Francisco, Cal
W. F. Caspers.....St. Paul Minn
W. S. Clark.....San Francisco, Cal
E. Z. Criswell.....Dayton, O
I. O. Crosscup.....San Francisco, Cal
R. W. Crounse.....Washington, D. C
R. P. Dyer.....Sacramento, Cal
F. E. Emery.....New York, N. Y
Mars. Frank.....Chicago, Ill
E. C. Garratt, Pres..San Francisco, Cal
H. M. Gray.....Toledo, O
Arthur Haggard....Huntington, W. Va
Geo. Haines.....Buffalo, N. Y
A. H. Hawkinson, Sales Mgr. Chicago, Ill
W. L. Hays.....St. Paul, Minn
C. L. Henley.....Memphis, Tenn
R. H. Howig.....Chicago, Ill
R. M. Huston, Sales Mgr.....San Francisco, Cal
R. P. Jones.....Brooklyn, N. Y
E. L. Leser.....San Francisco, Cal
A. E. Lorber, Sec.....
H. S. McDonald.....New Orleans, La
L. J. Miller.....Dallas, Tex
H. T. Moorehouse.....Oakland, Cal
B. W. Rand.....Baltimore, Md
F. C. Reed.....Little Rock, Ark
Geo. Rock.....Seattle, Wash
H. J. Ruch, Sales Mgr..New York, N. Y
W. H. Rudy.....Los Angeles, Cal
W. A. Sampson, Mgr...New York, N. Y
N. T. Sauerborn.....Milwaukee, Wis
C. G. Savage.....Philadelphia, Pa
C. D. Sipprelle.....San Francisco, Cal
G. W. Taylor.....Indianapolis, Ind
E. H. Tenhopen....Grand Rapids, Mich
W. M. Tenhopen...
C. E. Thurston.....Norfolk, Va
R. A. Wellingford.....Bakersfield, Cal
C. E. Williams.....San Jose, Cal
H. T. Wunder.....Bernardsville, N. J
W. C. Wunder.....Providence, R. I

GENERAL AMERICAN CAR CO.,
General American Tank Car Corp.,
230 So. Clark St., Chicago, Ill
Dallas, Tex.—Magnolia Bldg.
Detroit, Mich—Ford Bldg.
Los Angeles, Cal.—Bartlett Bldg.
New Orleans, La.—Union Indemnity Bldg.
New York, N. Y.—17 Battery Pl.
St. Louis, Mo.—Railway Exchange.
San Francisco, Cal.—Rialto Bldg.
Tulsa, Okla.—Cosden Bldg.
Bennett Epstein.....New York, N. Y
A. E. Grusch.....
A. D. McAdam.....Detroit, Mich
T. C. Moss.....Dallas, Tex
R. T. Musser.....Los Angeles, Cal / San Francisco, Cal
O. J. Parks.....Chicago, Ill
W. J. Roehl.....St. Louis, Mo
R. J. Sharpe.....Tulsa, Okla
Z. R. Simon.....New Orleans, La
J. W. Staples, Mgr. Milk Tank Car Dept.....Chicago, Ill

GENERAL ELECTRIC CO.,
1 River Road, Schnectady, N. Y
Akron, O.—159 So. Main St.
Atlanta, Ga.—123 Spring St.
Baltimore, Md.—39 W. Lexington St.
Birmingham, Ala.—602 No. 16th St.
Bluefield, W. Va.—104 Federal St.
Boston, Mass.—84 State St.
Buffalo, N. Y.—39 E. Genesee St.
Butte, Mont.—40 E. Broadway.
Canton, O.—700 Tuscarawas St., W.
Charleston, W. Va.—201 Capitol St.
Charlotte, N. C.—200 So. Tryon St.
Chattanooga, Tenn.—536 Market St.
Chicago, Ill.—230 So. Clark St.
Cincinnati, O.—215 W. 3d St.
Cleveland, O.—925 Euclid Ave.
Columbus, O.—81 E. State St.
Dallas, Tex.—1801 No. Lamar St.
Davenport, Ia.—111 East 3rd St.
Dayton, O.—25 N. Main St.
Denver, Col.—819 17th St.
Des Moines, Ia.—418 W. Sixth Ave.
Detroit, Mich.—700 Antoinette St.
Duluth, Minn.—14 W. Superior St.
Elmira, N. Y.—342 E. Water St.
El Paso, Tex.—109 No. Oregon St.
Erie, Pa.—10 E. 12th St.
Ft. Wayne, Ind.—1635 Broadway.
Grand Rapids, Mich.—201 Monroe Ave.
Hartford, Conn.—18 Asylum St.
Houston, Tex.—1016 Walker Ave.
Indianapolis, Ind.—106 No. Illinois St.
Jackson, Mich.—368 Francis St.
Jacksonville, Fla.—108 W. Forsyth St.
Kansas City, Mo.—1004 Baltimore Ave.
Knoxville, Tenn.—602 So. Gay St.
Little Rock, Ark.—223 W. 2nd St.
Los Angeles, Cal.—5201 Santa Fe Ave.
Louisville, Ky.—455 So. 4th St.
Memphis, Tenn.—130 Madison Ave.
Milwaukee, Wis.—425 E. Water St.
Minneapolis, Minn.—107-5th St., So.
Nashville, Tenn.—234 Third Ave., No.
Newark, N. J.—20 Washington Pl.
New Haven, Conn.—129 Church St.
New Orleans, La.—921 Canal St.
New York, N. Y.—120 Broadway.
Niagara Falls, N. Y.—201 Falls St.
Oklahoma City, Okla.-15 N. Robinson St
Omaha, Neb.—409 So. 17th St.
Philadelphia, Pa.—1321 Walnut St.
Phoenix, Ariz.—11 W. Jefferson St.
Pittsburgh, Pa.—535 Smithfield St.
Portland, Ore.—329 Alder St.
Providence, R. I.—76 Westminster St.
Richmond, Va.—700 E. Franklin St.
Rochester, N. Y.—89 C. Ave.
St. Louis, Mo.—112 No. 4th St.
Salt Lake City, Utah—200 So. Main St.
San Antonio, Tex.—601 Navarro St.
San Francisco, Cal.—116 New Montgomery St.
Seattle, Wash.—811 First Ave.
Spokane, Wash.—423 Riverside Ave.
Springfield, Mass.—387 Main St.
Syracuse, N. Y.—113 So. Salina St.
Tacoma, Wash.—950 Pacific Ave.
Terre Haute, Ind.—701 Wabash Ave.
Toledo, O.—520 Madison Ave.
Tulsa, Okla—409 So. Boston St.
Utica, N. Y.—239 Genesee St.

(Continued on following page.)

GENERAL ELECTRIC CO.—Continued.
Washington, D. C.—1405 G St., N. W.
Waterbury, Conn.—195 Grand St.
Worcester, Mass.—340 Main St.
Youngstown, O.—44 Central Sq.
R. W. Adams.....Providence, R. I
W. L. Alston.....Charleston, W. Va
G. R. Barclay. .....Canton, O
J. H. Barksdale.....Nashville, Tenn
T. Beran, Dist. Mgr.....New York, N. Y
L. T. Blaisdell, Dist. Mgr....Dallas, Tex
R. T. Brooke.....Birmingham, Ala
G. H. Calkins.....Buffalo, N. Y
Geo. Campbell.....Schenectady, N. Y
J. F. C. Carrick.....Niagara Falls, N. Y
C. A. Champ.....Butte, Mont
E. P. Coles.....Charlotte, N. C
A. B. Cox.....Knoxville, Tenn
J. B. Crankshaw.....Ft. Wayne, Ind
Frederic Cutts.....New Haven, Conn
J. A. Davies.....Columbus, O
C. B. Davis, Dist. Mgr.....Boston, Mass
S. Dockstader.....Utica, N. Y
W. P. Duff.....Waterbury, Conn
J. W. Dunbar.....Terre Haute, Ind
J. R. Farrell.....Indianapolis, Ind
S. E. Gates.....Los Angeles, Cal
G. H. Gilbert. .....Baltimore, Md
E. H. Ginn, Dist. Mgr.....Atlanta, Ga
C. N. Gregory..... .....Hartford, Conn
Wm. Hand.....Kansas City, Mo
W. J. Hanley, Dist. Mgr....Cleveland, O
F. B. Hathaway...Oklahoma City, Okla
J. W. Hicklin.....Richmond, Va
K. A. Hills.....Davenport, Ia
A. F. E. Horn.....Washington, D. C
A. J. Hornsby.....Syracuse, N. Y
C. W. Hosier.....Dayton, O
C. R. Jacobus.....Duluth, Minn
R. E. Jerauld.....Phoenix, Ariz
L. G. Johnson.....Akron, O
A. L. Jones, Jr.....Tulsa, Okla
Robt. E. Lee.....Tacoma, Wash
A. W. Little.....Toledo, O
J. H. Livsey.....Detroit, Mich
A. W. Lunn.....Newark, N. J
G. O. Macfarlane.....Little Rock, Ark
M. O. McKinney....Chattanooga, Tenn
Robt. Miller, Dist. Mgr.....Denver, Col
R. H. Miller.....Des Moines, Ia
J. C. Milling.....Erie, Pa
H. L. Monroe, Dist. Mgr.....Chicago, Ill
E. B. Myrick.....Louisville, Ky
B. Olsen.....Spokane, Wash
S. V. Patrick.....San Antonio, Tex
E. D. Payne.....St. Louis, Mo
H. E. Plank.....Seattle, Wash
A. L. Pond.....Milwaukee, Wis
M. A. Pool.....Memphis, Tenn
L. T. Rainey.....Cincinnati, O
F. Rogers.....Springfield, Mass
E. O. Shreve.....San Francisco, Cal
H. M. Sliter.....Elmira, N. Y
W. B. Spellmire.....Pittsburgh, Pa
D. K. Starbuck.....Youngstown, O
C. B. Sykes.....Bluefield, W. Va
T. J. Tighe.....Jackson, Mich
H. O. Tilton.....Worcester, Mass
P. Y. Tumy.....Grand Rapids, Mich
H. C. Ward.....Rochester, N. Y
C. K. West, Dist. Mgr. Philadelphia, Pa
B. C. J. Wheatlake..Salt Lake City, Utah
H. A. White.....El Paso, Tex
E. F. Whitney.....Portland, Ore
B. Willard.....New Orleans, La
J. H. Wilson.....Omaha, Neb
E. M. Wise.....Houston, Tex
V. A. Wolcott.....Minneapolis, Minn
F. H. Worthington....Jacksonville, Fla

GENERAL RAILWAY SIGNAL CO., Rochester, N. Y
Chicago, Ill.—122 So. Michigan Ave.
New York, N. Y.—100 East 42nd St.
St. Louis, Mo.—Ry. Exchange Bldg.
P. E. Carter, Res. Mgr....New York, N. Y
W. D. Cloud..... "
R. C. Connell..... "
J. A. Geneser.....Chicago, Ill
W. S. Henry, Serv. Engr. Rochester, N. Y
C. Henze, Asst. Res. Mgr....Chicago, Ill
A. C. Holden, Res. Mgr..... "
H. W. Lucia, Res. Mgr.....St. Louis, Mo
P. Renshaw, Sales Mgr. Rochester, N. Y
F. W. Rizer.....New York, N. Y
A. C. Smith..... "
L. Thomas, Asst. Sales Mgr.....Rochester, N. Y
H. C. Ware.....Chicago, Ill
J. R. Wills..... "
W. H. Workman..... "

GIESSEL CO., HENRY.
Gen. Office, 29 So. Clinton St., Chicago, Ill.
Sales Office, 332 So. Mich. Ave. Chicago, Ill
Houston, Tex.—Union Natl. Bk. Bldg
New York, N. Y.—2 Rector St.
Washington, D. C.—630 Louisiana Ave.
A. W. Barth.....Chicago, Ill
J. M. Borrowdale..... "
S. M. Dolan.....Houston, Tex
C. G. Elliott..... "
R. R. Gaines.....Washington, D. C
H. Giessel.....Chicago, Ill
F. N. Grigg.....Washington, D. C
Ross F. Hayes.....New York, N. Y
S. W. Midgley.....Chicago, Ill

GIFFORD-WOOD CO., Hudson, N. Y
Boston, Mass.—222 State St.
Chicago, Ill.—565 W. Washington St.
New York, N. Y.—50 Church St.
Pittsburgh, Pa.—People's Bk. Bldg.
H. C. Barringer..... Hudson, N. Y
A. M. Best.....Boston, Mass
J. A. Boucher.....Hudson, N. Y
C. C. Brinley.....Chicago, Ill
J. I. Farmer.....New York, N. Y
W. E. Herb..... ...Pittsburgh, Pa
C. H. Klein.....Hudson, N. Y
E. F. Meschter.....New York, N. Y
J. E. Moul..... "
W. H. Towne.....Chicago, Ill

GILBERT & SONS BRASS FOUNDRY CO., A.
4015 Forest Park Blvd., St. Louis, Mo
D. U. Browning.....Little Rock, Ark
D. M. Brydie.....St. Louis, Mo
Walter Cowhey, Sec..... "
Henry M. Frank.....Memphis, Tenn
Chas. F. Gilbert, Pres. & Gen. Mgr.....St. Louis Mo
Geo. W. Gilbert, V.-Pres.. "
James A. Gilbert, V.-Pres. "
E. A. Hettinger..... "
G. L. Morenz..... "

(Continued on following page.)

GILBERT & SONS BRASS FOUNDRY CO., A.—Cont.
A. J. Ryan.....Savannah, Ga
F. B. Schmidt.....St. Louis, Mo
F. J. Wade..... "
F. E. Woodmansee..... "

GILL RAILWAY SUPPLY CO.,
304 So. Adams St., Peoria, Ill
Chicago, Ill.—9 So. Clinton St.
D. H. French.....Chicago, Ill
J. Q. Gill.....Peoria, Ill
H. C. Gulette.....Indianapolis, Ind
E. H. Hartenstein.....Chicago, Ill
G. O. Hauskins.....Binghamton, N. Y
Wm. O'Brien.....Chicago, Ill
R. Wands.....Indianapolis, Ind
C. J. Zehr.....Peoria, Ill

GLIDDEN COMPANY,
1100 W. Madison Ave., Cleveland, O
Dallas, Tex.—1500 So. Preston St.
Toronto, Ont.—370 Wallace Ave.
Thos. Affleck.....Statesville, N.C
S. S. Burris.....Dallas, Tex
L. H. Linn.....Milwaukee, Wis
A. R. Moir.....St. Louis, Mo
Leonard Mould.....Toronto, Ont
J. L. Noon.....Jersey City, N. J
F. B. Stage.....Cleveland, O
R. J. Tooker.....St. Louis, Mo
C. L. Welch.....Philadelphia, Pa

GLOBE STEEL TUBES CO.,
Mills—1345 Burnham St., Milwaukee, Wis
Chicago, Ill.—400 No. Michigan Ave.
Detroit, Mich.—Gen. Motors Bldg.
New York, N. Y.—110 E. 42nd St.
St. Louis, Mo.—Frisco Bldg.
C. H. Beach.....Indianapolis, Ind
J. S. Bradshaw.....Milwaukee, Wis
J. W. Cain.....Houston, Tex
P. R. Caley.....Chicago, Ill
E. C. Carroll.....St Louis, Mo
T. F. Clifford.....Chicago, Ill
J. W. Floto..... "
E. G. Jackson.....Montreal, Can
Paul J. Kalman.....St. Paul, Minn
R. R. Lally.....New York, N. Y
A. A. Loeffler.....Detroit, Mich
R. J. McElligot.....Milwaukee, Wis
F. S. McNamara.....Denver, Col
F. J. O'Brien.....Milwaukee, Wis
Edw. S. Sullivan.....San Francisco, Cal
E. A. Thornwell.....Atlanta, Ga
S. F. Woodbury.....Portland, Ore

GLOBE VENTILATOR CO.,
205 River St., Troy, N. Y
S. J. Brown, Pres..... "
V. L. Hewitt, Sec..... "
L. B. Vinett, V.-Pres..... "

GODDARD & GODDARD CO.,
4724 Hastings St., Detroit, Mich
Atlanta, Ga.—Candler Bldg.
Chicago, Ill.—25 So. Jefferson St.
Cincinnati, O.—1927 Kinney Ave.
Cleveland, O.—2115 E. 18th St.
Los Angeles, Cal.—714 W. 47th St.
New York, N. Y.—139 Lafayette St.
Philadelphia, Pa.—23 So. 52d St.
Rochester, N. Y.—219 Post Ave.
C. S. Goddard.....Detroit, Mich
E. E. Guntert.....Rochester, N. Y
H. S. Huncke.....Chicago, Ill
C. W. Moore.....Atlanta, Ga
W. E. Moulton.....Cliftondale, Mass
J. K. Murray.....Detroit, Mich
Dix Proctor.....New York, N. Y
R. T. Rice.....Cleveland, O
E. D. Rummins.....Detroit, Mich
Jos. F. Sample.....Philadelphia, Pa
S. F. Sides.....Los Angeles, Cal
E. E. Toerner.....Cincinnati, O
C. H. Wallace.....Detroit, Mich

GOLDCAR HEATING & LIGHTING CO.
220 36th St., Brooklyn, N. Y
Chicago, Ill.—53 W. Jackson Blvd.
Montreal, Que.—346 St. James St.
New York, N. Y.—17 Battery Pl.
Norfolk, Va.—Royster Bldg.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—4140 Castleman Ave.
F. O. Bailey, Mgr. Sales, Brooklyn, N. Y
J. O. Brumbaugh..... "
F. W. Dearborn..... "
E. E. Gold, Pres..... "
W. H. Ivers.....St. Louis, Mo
F. W. Moore.....New York, N. Y
Tom Moore.....Norfolk, Va
Harry C. Poillon.....Brooklyn, N. Y
A. G. Richards.....Montreal, Que
Franklin H. Smith.....Brooklyn, N. Y
C. W. Stevens.....Richmond, Va
A. B. Strange.....New York, N. Y
A. D. Stuver.....Chicago, Ill
E. B. Wilson, V.-Pres. & Gen. Mgr.....Brooklyn, N. Y

GOLDIE, JR. & CO., WM.,
Princess Anne, Md
H. W. Kennedy..... "

GOULD COUPLER CO.,
250 Park Ave., New York, N. Y
Chicago, Ill.—209 So. La Salle St.
Indianapolis, Ind.—Merch. Bk. Bldg.
Geo. R. Berger.....Chicago, Ill
H. C. Johnstone.....New York, N. Y
Manuel M. Llera..... "
J. L. McCormick.....Indianapolis, Ind
C. R. Naylor...Straus Bldg., Chicago, Ill
W. F. Richards.....Rochester, N. Y
W. H. Sauvage.....New York, N. Y
P. H. Simpson..... "

GRAY & SONS, INC., PETER
3rd & Binney Sts., E. Cambridge, Mass
R. H. Curtis..... "
E. Esson..... "
Geo. M. Gray, Pres. "
Mason H. Gray, Sec. & Treas..... "
Peter Gray..... "

GRAYBAR ELECTRIC CO., INC.,
195 Broadway, New York, N. Y
Albany, N. Y.—88 Hudson Ave.
Atlanta, Ga.—119 Walton St.
Baltimore, Md.—106 South St.
Boston, Mass.—287 Columbus Ave.
Chicago, Ill.—500 S. Clinton St.
Cincinnati, O.—312 Elm St.
Cleveland, O.—1010 Oregon Ave., N. E
Columbus, O.—154 No. Third St.
Dallas, Tex.—Austin and Wood Sts.
Davenport, Ia.—121 East 4th St.
Denver, Col.—1425 Curtis St.
Detroit, Mich.—1947 Kirby Ave., E.
Duluth, Minn.—320 W. 1st St.
El Paso, Tex.—Mills Bldg.
Grand Rapids, Mich.—39 Ottawa St.

(Continued on following page.)

GRAYBAR ELECTRIC CO., INC.—Continued.
Houston, Tex.—Commerce & Chartres Sts.
Indianapolis, Ind.—400 West Ohio St.
Jacksonville, Fla.—334 E. Bay St.
Kansas City, Mo.—1644 Baltimore Ave.
Los Angeles, Cal.—301 E. 8th St.
Memphis, Tenn.—161 Jefferson Ave.
Milwaukee, Wis.—458 Milwaukee St.
Minneapolis, Minn.-413 So. Fourth St.
Nashville, Tenn.—Cummins Station.
New Orleans, La.—601 So. Peters St.
Omaha, Neb.—802 Farnam St.
Philadelphia, Pa.—910 Cherry St.
Pittsburgh, Pa.—37 Water St.
Portland, Ore.—Park & Flanders Sts.
Richmond, Va.—6th & Cary Sts.
St. Louis, Mo.—814 Spruce St.
St. Paul, Minn.—63 E. 6th St.
Salt Lake City, Utah—167 W. 2d So. St.
San Francisco, Cal.—680 Folsom St.
Savannah, Ga.—570 Indian St.
Seattle, Wash.—84 Marion St.
Spokane, Wash.—152 So. Post St.
Tacoma, Wash.—1115 A St.
Toledo, O.—1700 Canton Ave.

W. C. Barry.....Detroit, Mich
F. G. Caldwell.....Houston, Tex
A. J. Calloway.....Indianapolis, Ind
J. P. Carson.....Spokane, Wash
H. A. Case.....San Francisco, Cal
J P. Casey.....St. Louis, Mo
J. E. Coad.....Dallas, Tex
F. N. Cooley.....Duluth, Minn
R. D. Eves.....Baltimore, Md
A. L. Frankenberger.....El Paso, Tex
H. C. Gump.....Chicago, Ill
P. B. Hansen.....Minneapolis, Minn
A. R. Hicks.....Cleveland, O
W. H. Holdorf.....St. Paul, Minn
E. L. Johnson.....Davenport, Ia
J. H. Kelly.....Seattle, Wash
Wm. Lancaster.....Richmond, Va
W. J. Laufenburg.....Denver, Colo
J. G. Loomer.....Los Angeles, Cal
E. Lum.....Columbus, O
J. C. Maxon.....Philadelphia, Pa
G. O. May.....Omaha, Neb
V. E. McCain.....Tacoma, Wash
J. H. McGann.....Cincinnati, O
E. P. McGrath.....Memphis, Tenn
J. H. McMullen.....Boston, Mass
J. G. McNeely.....Pittsburgh, Pa
W. A. Northington.....New Orleans, La
E. J. O'Donnell.....Chicago, Ill
J. M. Perlewitz.....Salt Lake City, Utah
D. Pflasterer.....Nashville, Tenn
W. R. Philips.....Jacksonville, Fla
A. E. Pickens.....Peoria, Ill
G. H. Porter, Mgr. R.R. Dept. Chicago, Ill
J. J. Portley.....Albany, N. Y
R. A. Riley.....Atlanta, Ga
J. F. Ryan.....Portland, Ore
R. M. Sauppe.....Toledo, O
W. J. Schott.....Kansas City, Mo
A. Schwenck.....Grand Rapids, Mich
H. B. Stanton.....Savannah, Ga
A. B. Thomson..... { 401 Hudson St., New York, N. Y
E. W. Timm.....Milwaukee, Wis
C. R. Wharton..... { 401 Hudson St., New York, N. Y

GREENLEE BROS. & CO.,
Rockford, Ill.
New York, N. Y.—3610 Broadway.

A. E. Alverson, Sec.....Rockford, Ill
R. E. Brightup..... "
C. L. Clark..... "
J. A. Edwards..... "
A. H. Eggers..... "
L. H. Geddes..... "
O. V. Haegg..... "
J. S. Haubert.....New York, N. Y
A. H. Hawkinson.....Rockford, Ill
J. H. Mansfield..... "
Geo. C. Purdy, Pres..... "
R. J. Samuelson..... "

GRIP NUT COMPANY,
5917 So. Western Ave., Chicago, Ill
Denver, Col.—Boston Bldg.
Minneapolis, Minn.—McKnight Bldg.
St. Louis, Mo.—Ry. Exchange Bldg
San Francisco, Cal.-Monadnock Bldg.
Washington, D. C.—Munsey Bldg.

J. P. Carney.....Chicago, Ill
C. S. Carter.....Minneapolis, Minn
Alfred Connors.....Denver, Col
A. A. Dawley.....San Francisco, Cal
C. S. Hartwell.....Chicago, Ill
G. P. Hoffman..... "
W. E. Sharp..... "
J. T. Stephenson.....Washington, D.C
E. J. Tierney.....Chicago, Ill
H. J. Tierney.....St. Louis, Mo
J. E. Weatherford.....Chicago, Ill
J. B. Whitenack..... "
E. H. Wood..... "

HACKMANN RY. SUPPLY CO.,
Gen. Office, 717 S. Wells St., Chicago, Ill
Sales Office, 310 So. Mich. Blvd., Chicago, Ill
Boston, Mass.—84 State St.
Minneapolis, Minn.—425 So. 5th St.
New York, N. Y.—50 Church St.
San Francisco, Cal.—C. Spreckels Bldg
Washington, D. C.—613 15th St., N.W.

Jas. C. Barr.....Boston, Mass
B. M. Cheney.....Chicago, Ill
J. J. Franzen, Sec. & Treas.. "
G. E. Geer.....Minneapolis, Minn
W. W. Glosser.....New York, N. Y
Fredk. Hackmann, Pres...Chicago, Ill
P. L. Laughlin..... "
Latham McMullin...San Francisco, Cal
Ralph W. Payne.....Washington, D. C

HAGY WASTE WORKS, J. MILTON,
836 S. Swanson St., Philadelphia, Pa
New York, N. Y.—30 Church St.

J. Milton Hagy, Pres..Philadelphia, Pa
Edward Laterman.....New York, N. Y
H. P. Ogden, Treas....Philadelphia, Pa

HALE-KILBURN COMPANY.
18th & Lehigh Ave., Philadelphia, Pa.
Atlanta, Ga.—Candler Bldg.
Chicago, Ill.—332 So. Michigan Ave.
Dallas, Tex.—Praetorian Bldg.
Houston, Tex.—2d Natl. Bk. Bldg.
Los Angeles, Cal.—320 So. San Pedro St
Louisville, Ky.—Starks Bldg.
New York, N. Y.—30 Church St.
Richmond, Va.—Mutual Bldg.

(*Continued on following page.*)

HALE-KILBURN CO.—Continued.
St. Louis, Mo.—Ky. Exchange Bldg.
San Francisco, Cal.—Monadnock Bldg.
E. C. Afflerbach.....Houston, Tex
H. L. Beyer.....Philadelphia, Pa
F. F. Bodler.....San Francisco, Cal
T. C. Coleman.....Louisville, Ky
C. Eccles.....Los Angeles, Cal
H. B. Gengenbach.....Chicago, Ill
Blake C. Howard.....St. Louis, Mo
W. L. Jefferies, Jr.....Richmond, Va
W. D. Jenkins.....Dallas, Tex
R. F. Stubblebine.....New York, N. Y
W. M. Swope.....Philadelphia, Pa
E. A. Thornwell.....Atlanta, Ga
Louis Weisenburger.....Chicago, Ill
R. O. Young.....Philadelphia, Pa

HAMMETT, H. G.,
466-482 Eighth St., Troy, N. Y
A. O. Van Dervort..... "

HANLON LOCOMOTIVE SANDER CO.,
Winchester, Mass
John H. Hanlon....W. Somerville, Mass
W. J. Hanlon, V.-Pres..Fitchburg, Mass
J. W. Russell, Jr., Pres. Winchester, Mass

HANNA STOKER CO.,
Madisonville, Cincinnati, O
J. T. Cahill..... "
J. A. Gallagher..... "
W. T. Hanna, Pres..... "
W. H. Hopple, Sec. & Treas "
C. D. King.....Louisville, Ky
G. D. Peveraill.....Roanoke, Va
F. K. Tutt, V.-Pres.....St. Louis, Mo

HASTINGS SIGNAL & EQUIPMENT CO., 53 State St., Boston, Mass.
Chicago, Ill.—332 So. La Salle St.
Denver, Col.—Barth Bldg.
Nashville, Tenn.—Stahlman Bldg.
New York, N. Y.—2 Rector St.
San Francisco, Cal.—Monadnock Bldg
J. J. Crawford.....Nashville, Tenn
J. E. Freeling.....Boston, Mass
C. E. Fuller, Jr.....Denver, Col
H. B. Green.....San Francisco, Cal
B. J. Hastings.....Boston, Mass
Ross F. Hayes.....New York, N. Y
Harry H. Nayor.....Boston, Mass
E. F. Sands.....St. Paul, Minn
T. W. Snow.....Chicago, Ill

HAYES TRACK APPLIANCE CO.,
Richmond, Ind
F. X. Amos.....Winnipeg, Man
Edgar W. Brown.....Richmond, Ind
R. H. Gausepohl..... "
S. W. Hayes..... "
H. H. Jenkins..... "
Herbert J. Mayer..... "
E. L. McCarty..... "
C. M. Moffitt..... "
Sterling P. Reid..... "
E. L. Ruby.....Philadelphia, Pa
F. C. Stowell.....Boston, Mass

HEADLEY GOOD ROADS CO.,
Franklin Trust Bldg., Philadelphia, Pa
Indianapolis, Ind.—Hume-Mansur Bldg
W. T. Gilbert.....Philadelphia, Pa
E. J. Hunt.....Albany, N. Y
Francis X. Kern.....Boston, Mass
W. F. Moore.....Philadelphia, Pa
H. C. Poyntz.....Indianapolis, Ind
M. H. Weeks.....Philadelphia, Pa

HENDERER'S SONS, A. L.,
Wilmington, Del.
New York, N. Y.—6 Church St.
Philadelphia, Pa.—R. E. Trust Bldg.
Jos. H. Grubb.....Philadelphia, Pa
Walter F. Ritter.....New York, N. Y
Thos. H. Winston.....Philadelphia, Pa

HENDRICK MFG. CO., Carbondale, Pa
New York, N. Y.—30 Church St.
Pittsburgh, Pa.—Union Trust Bldg.
D. L. Bassett, Asst. to Pres.... } Carbondale, Pa
L. A. Bassett, Pres..... } Carbondale, Pa
D. M. Blackburn..... "
C. C. Boone.....Hazleton, Pa
K. H. Colville, Asst. Sec. Carbondale, Pa
B. G. Dann.....New York, N. Y
J. C. Dolan..... Denver, Col
W. J. Hamilton, Sec....Carbondale, Pa
F. K. Keiser.....Birmingham, Ala
B. G. Shotton.....Pittsburgh, Pa

HEYWOOD-WAKEFIELD CO.,
Wakefield, Mass
Chicago, Ill.—80 E. Jackson Blvd.
Houston, Tex.—So. Pacific Bldg.
Montreal, Que.—326 Craig St., W.
New York, N. Y.—516 W. 34th St.
San Francisco, Cal.—Hobart Bldg.
Toronto, Ont.—133 Eastern Ave.
Washington, D. C.—630 Louisiana Ave.
Bertram Berry.....New York, N. Y
H. G. Cook.....San Francisco, Cal
Geo. E. Cornwall.....Wakefield, Mass
C. G. Elliott.....Houston, Tex
Frank N. Grigg.....Washington, D. C
J. P. Hyland.....Winnipeg, Man
A. F. McLachlin.....Montreal, Que
F. J. Neale.....Toronto, Ont
T. D. Owler.....Chicago, Ill

HOOFER MFG. CO.,
519 W. Washington Blvd., Chicago, Ill
Montreal, Que.—McGill Bldg.
John T. Dohm.....Montreal, Que
H. A. Varney.....Chicago, Ill

HUBBARD & CO.,
Granite Bldg., Pittsburgh, Pa.
Chicago, Ill.—332 So. Michigan Ave.
New York, N. Y.—30 Church St.
A. H. Handlan, Jr.....St. Louis, Mo
John W. Hubbard, Pres. Pittsburgh, Pa
W. L. Jefferies, Jr.....Richmond, Va
C. L. Peirce, Jr.....Pittsburgh, Pa
W. J. Price, Treas..... "
F. J. Reagan.....Minneapolis, Minn
S. F. Remmel.....New York, N. Y
W. H. Remmel.....Pittsburgh, Pa
S. W. Sargent.....Philadelphia, Pa
Jos. V. Smith.....Pittsburgh, Pa
J. S. Wincrantz.....Chicago, Ill

HUBBARD STEEL FOUNDRY CO.,
General Office & Wks., E. Chicago, Ind
Chicago, Ill.—332 So. Michigan Ave.
Cleveland, O.—National Bldg.
Milwaukee, Wis.—1st Wis. National Bank Bldg.
Pittsburgh, Pa.—Oliver Bldg.
R. B. Hill.....Chicago, Ill
W. R. McDonough.....Cleveland, O
L. E. Meidinger.....Milwaukee, Wis
B. A. Mick.....Pittsburgh, Pa
G. B. Wadlow.....E. Chicago, Ind

HUNT CO., ROBT. W.,
175 W. Jackson Blvd., Chicago, Ill
Mexico, Mex.—3a Palma 34 Apartado 76-B.
Montreal, Que.—McGill Bldg.
New York, N. Y.—55 Park Place.
Pittsburgh—Monongahela Bank Bldg.
St. Louis—Syndicate Trust Bldg.
San Francisco—251 Kearney St.
A. A. Bareuther.....St. Louis, Mo
F. O. Farey.....Montreal, Que
John J. Cone, Pres.....New York, N. Y
C. W. Gennet, Jr.....Chicago, Ill
Wm. B. Gester.....San Francisco, Cal
D. W. McNaugher, V.-Pres. & Treas.....Pittsburgh, Pa
H. H. Morgan..... "
C. B. Nolte, V.-Pres. & Gen. Mgr.....Chicago, Ill
F. M. Randlett.....Portland, Ore
W. T. Reeves.....Chicago, Ill
D. B. Rush..... "
Carl Holt Smith.....Mexico, Mex
J. C. Stuart.....Chicago, Ill

HUNT-SPILLER MANFG. CORP.
383 Dorchester Ave., So., Boston, Mass
Victor W. Eliet, Sales Mgr.. "
E. J. Fuller..... "
C. L. Galloway..... "
F. B. Hartman..... "
F. W. Lampton..... "
W. B. Leach, Pres. & Gen. Mgr. "
John G. Platt, V.-Pres..... "
R. R. Wells..... "
F. M. Weymouth, V.-Pres... "

HURON MANUFACTURING CO.,
3240 E. Woodbridge St., Detroit, Mich
Chicago, Ill.—332 So. Michigan Ave.
New Orleans, La.—3308 Napoleon Ave.
New York, N. Y.—30 Church St.
St. Louis, Mo.—Ry. Exchange Bldg.
J. M. Borrowdale.....Chicago, Ill
P. C. Cady.....New York, N. Y
L. E. Hassman.....St. Louis, Mo
S. W. Midgley.....Chicago Ill
H. N. Reynolds.....Detroit, Mich
E. C. Roddie, Jr.....New Orleans, La
E. H. Willard.....Chicago, Ill
M. T. Willard..... "

HUTCHINS CAR ROOFING CO.,
Ford Bldg., Detroit, Mich
Chicago, Ill.—310 So. Michigan Blvd.
Montreal, Que.—Shaughnessy Bldg.
New York, N. Y.—342 Madison Ave.
St. Louis, Mo.—Railway Exchange.
St. Paul, Minn.—Merchants Bk. Bldg.
Washington, D. C.—Munsey Bldg.
J. F. Comee.....Chicago, Ill
F. C. Dunham.....New York, N. Y
G. H. Goodell.....St. Paul, Minn
D. W. Hawksworth.....Detroit, Mich
Samuel Herbert..... "
J. T. Martyn .....Washington, D. C
C. F. Pape.....St. Louis, Mo
C. S. Rank.....St. Paul, Minn
C. M. Rudel.....Montreal, Que
W. D. Thompson.....Detroit, Mich
A. R. Wilson..... "

HYMAN-MICHAELS COMPANY,
122 So. Michigan Ave., Chicago, Ill
New York, N. Y.—233 Broadway.
St. Louis, Mo.—Ry. Exchange Bldg.
J. L. Crandall.....St. Louis, Mo
C. M. Dailey..... "
C. H. Doty.....Chicago, Ill
Armin L. Dreher..... "
F. W. Glauser..... "
P. C. Grassow..... "
Joseph Hyman.....New York, N. Y
Lee Kramer.....St. Louis, Mo
E. A. Lindenau.....Chicago, Ill
Al. Michaels..... "
Everett Michaels..... "
Joseph Michaels..... "
J. E. Michaels..... "
W. A. Newman..... "
H. L. Purdy.....St. Louis, Mo
S. E. Purdy.....Chicago, Ill
R. E. Rockstroh..... "
Chas. Rosenthal..... "
Wm. Rosenthal.....St. Louis, Mo
W. J. Ross.....Chicago, Ill
Clarence Wolf..... "

ILLINOIS CAR & MANUFACTURING CO., Hammond, Ind
Chicago, Ill.—20 W. Jackson Blvd.
New York, N. Y.—Grand Cent. Term.
J. F. Farrell.....New York, N. Y
J. F. Golden.....Hammond, Ind
J. A. Jackson..... "
P. H. Joyce.....Chicago, Ill
M. J. McDonough..... "
J. C. Snyder.....Richmond, Va

ILLINOIS STEEL CO.,
208 So. La Salle St., Chicago, Ill
Birmingham, Ala.—200 First Ave.
Boston, Mass.—120 Franklin St.
Buffalo, N. Y.—233 Main St.
Cincinnati, O.—36 E. Fourth St.
Cleveland, O.—704 Superior Av., N.W.
Denver, Col.—17th & Stout Sts.
Detroit, Mich.—535 Griswold St.
Los Angeles, Cal.—2087 E. Slauson Ave.
New Orleans, La.—921 Canal St.
New York, N. Y.—71 Broadway.
Philadelphia, Pa.—Juniper & Chestnut Sts.
Pittsburgh, Pa.—434 Fifth Ave.
Portland, Ore.—6th & Alder Sts.
St. Louis, Mo.—506 Olive St.
St. Paul, Minn.—4th & Robert Sts.
San Francisco, Cal—New Montgomery & Mission Sts.
Seattle, Wash.—4th Ave. So. & Conn. St.
Jas. B. Bonner, Mgr. Sales.....Philadelphia, Pa
Edw. Bray.....Seattle, Wash
D. T. Buffington, Mgr. Sales..Chicago, Ill
R. B. Carr, Mgr. Sales..San Francisco, Cal
Chas. C. Cluff, Mgr. Sales. New York, N. Y
D. Crowley, Jr., Mgr. Sales.....New Orleans, La
F. C. Deming, Mgr. Sales...Buffalo, N. Y
E. R. Eldredge, Mgr. Sales..Portland, Ore
B. E. Hamilton, Asst. Gen. Mgr. Sales.....Chicago, Ill
A. M. Harper, Mgr. Sales...Pittsburgh, Pa
W. S. Locke, Mgr. Sales...Boston, Mass
Edw. S. Mills, Gen. Mgr. Sales..Chicago, Ill

(Continued on following page.)

ILLINOIS STEEL CO.—Continued.
Jas. R. Mills, Mgr. Sales...Cleveland, O
P.W.O'Brien, Asst.Gen.Mgr. Sales.....Chicago, Ill
B. W. Smith.....Los Angeles, Cal
Edw. M. Sparhawk, Mgr. Sales.....Denver, Col
W. J. Totten, Mgr. Sales..St. Paul, Minn
Geo. H. Vant, Mgr Sales..Cincinnati, O
W. B. Weston, Mgr. Sales..Detroit, Mich
S. W. Wheelock, Mgr. Sales..St. Louis, Mo
W. Wilson, Mgr. Sales..Birmingham, Ala

INDEPENDENT PNEUMATIC TOOL CO
600 W. Jackson Blvd., Chicago, Ill
Works, Claim & State Sts. Aurora, Ill
Birmingham, Ala.—Age Herald Bldg.
Boston, Mass.—Little Bldg.
Buffalo, N. Y.—Genesee Bldg.
Cleveland, O.—Union Trust Bldg.
Detroit, Mich.—Garfield Bldg.
Milwaukee, Wis.—288 E. Water St.
Montreal, Que.—10 St. Antoine St.
New York, N. Y.—1463 Broadway.
Philadelphia, Pa.—Denckla Bldg.
Pittsburgh, Pa.—Bessemer Bldg.
St. Louis, Mo.—Planters Bldg.
San Francisco, Cal.—61 Fremont St.
Toronto, Ont.—32 Front St., W.
Jas. A. Adams.....Philadelphia, Pa
A. G. Allen.....Detroit, Mich
A. Anderson.....Chicago, Ill
John Ashton.....New York, N. Y
John Atkinson.....San Francisco, Cal
W. O. Becker.....Buffalo, N. Y
Paul H. Benecke.....Milwaukee, Wis
F. W. Buchanan, Sec.....Chicago, Ill
F. H. Charbono.....Philadelphia, Pa
T. J. Clancy.....Cleveland, O
Coleman T. Connolly.....Detroit, Mich
Ralph S. Cooper, 1st V.-Pres. Chicago, Ill
J. G. Cowell.....
Frank Cross.....San Francisco, Cal
I. T. Cruice.....Chicago, Ill
O. H. Dallman.....
Thos. F. Dodds.....Pittsburgh, Pa
Wm. E. Dougherty.....Philadelphia, Pa
G. H. Du Sell.....Milwaukee, Wis
Samuel E. Elston.....Boston, Mass
J. P. Fletcher.....Buffalo, N. Y
C. E. Fowler.....Toronto, Ont
E. F. Furrow.....St. Louis, Mo
E. G. Gustafson, Treas.....Chicago, Ill
H. C. Halbert.....Birmingham, Ala
F. B. Hamerly.....Aurora, Ill
F. Herman.....New York, N. Y
J. A. Hill.....Pittsburgh, Pa
J. D. Hurley, Pres.....Chicago, Ill
Vernon Job.....San Francisco, Cal
H. G. Keller.....New York, N. Y
Robert Kelly.....Boston, Mass
Chas. E. Kinney.....Chicago, Ill
S. W. Lanham.....Columbus, O
Frank F. Leavenworth.....Chicago, Ill
C. W. Leonard.....Pittsburgh, Pa
A. Levedahl.....Aurora, Ill
Wm. D. Madden.....St. Louis, Mo
R. S. Marsh.....Dallas, Tex
John A. McCormick, Chman. Chicago, Ill
W. F. McKenney.....Portland, Ore
Paul Mitchell.....Indianapolis, Ind
John Murphy.....New York, N. Y
H. E. Nelson.....Chicago, Ill
H. B. Nielsen.....Chicago, Ill
Harry F. Nivison.....New York, N. Y
R. A. Norling.....Aurora, Ill
Carl A. Novinger.....Detroit, Mich
W. A. Nugent.....St. Louis, Mo
Geo. E. Ogden.....Toronto, Ont
F. J. Passino.....Pittsburgh, Pa
Geo. Pennington.....San Francisco, Cal
V. W. Robinson.....Detroit, Mich
W. H. Rosevear.....Montreal, Que
A. L. Schuhl.....Philadelphia, Pa
R. T. Scott, 2d V.-Pres. New York, N. Y
B. B. Stinnette.....Birmingham, Ala
G. F. Strauss.....
J. H. Weiser.....New York, N. Y
H. F. White.....Cleveland, O
Elmer R. Wyler.....
Merle W. Young.....Chicago, Ill

INDIANAPOLIS SWITCH & FROG CO., Springfield, O
Chicago, Ill.—310 So. Michigan Ave.
T. L. Hanley, Ch. Eng....Springfield, O
J. C. Jameson, V.-Pres. & Sales Mgr.....Chicago, Ill
E. C. Price, V.-Pres. & Sec. Springfield, O

INDUSTRIAL WORKS. Bay City, Mich
Atlanta, Ga.—Hurt Bldg.
Boston, Mass.—84 State St.
Chicago, Ill.—322 So. Michigan Ave.
Cincinnati, O.—Dixie Term. Bldg.
Cleveland, O.—Caxton Bldg.
Denver, Col.—U. S. National Bk. Bldg.
Detroit, Mich.—Book Bldg.
Minneapolis, Minn.—Metro. Life Bldg.
Montreal, Que.—286 St. James St.
New Orleans, La.—Whitney-Central Bldg.
New York, N. Y.—50 Church St.
Philadelphia, Pa.—Packard Bldg.
Pittsburgh, Pa.—Chamber of Commerce Bldg.
Portland, Ore.—No. Western Bk. Bldg.
St. Louis, Mo.—Railway Exchange.
Salt Lake City, Utah—27 Richards St.
San Francisco, Cal.—Monadnock Bldg
Seattle, Wash.—Hoge Bldg.
Tampa, Fla.—2505 Kansas Ave.
Toronto, Ont.—Mail Bldg.
J. A. Abele.....New Orleans, La
John Alexander.....Seattle, Wash
J. H. Alexander.....Montreal, Que
J. C. Barr.....Boston, Mass
B. W. Beyer, Jr.....Detroit, Mich
J. C. Bloomfield.....Chicago, Ill
W. L. Brown.....Philadelphia, Pa
D. J. Calder.....Tampa, Fla
E. G. Chandler.....Portland, Ore
N. R. Crawford.....Bay City, Mich
Benjamin Dixn.....
M. N. Farr.....Salt Lake City, Utah
M. J. Frankel.....Cincinnati, O
G. L. Harman.....Bay City, Mich
A. T. Herr.....Denver, Col
F. H. Hopkins.....Montreal, Que
W. B. Joyce.....Boston, Mass
F. L. Kendig.....Pittsburgh, Pa
W. H. Klingel.....Minneapolis, Minn
A. G. Lamontagne.....Toronto, Ont
H. L. Livingston.....San Francisco, Cal
L. A. Marshall.....Cincinnati, O
J. M. McGuire.....Atlanta, Ga

(Continued on following page.)

INDUSTRIAL WORKS—Continued.

J. T. McShane.....Denver, Col
C. J. Neacy.....Chicago, Ill
C. D. Price.....St. Louis, Mo
L. N. Ridenour.....Cleveland, O
Max Riebenack.....Philadelphia, Pa
C. W. Roberts.....Boston, Mass
J. T. Seaver.....Cleveland, O
James Shearer.....New York, N. Y
J. C. Wheat.....Bay City, Mich

INGERSOLL-RAND COMPANY,
11 Broadway, New York, N. Y
Albany, N. Y.—21 Menand Rd.
Birmingham, Ala.—Amer. Trust Bldg.
Boston, Mass.—115 Chauncy St.
Buffalo, N. Y.—Ellicott Sq. Bldg.
Butte, Mont.—Lewisohn Bldg.
Chicago, Ill.—360 No. Michigan Blvd.
Cleveland, O.—Williamson Bldg
Cobalt, Ont.—Cobalt St.
Dallas, Tex.—Magnolia Bldg.
Detroit, Mich.—Marquette Bldg.
Duluth, Minn.—Providence Bldg.
El Paso, Tex.—Mills Bldg.
Knoxville, Tenn.—Holston Nat. Bank Bldg.
Los Angeles, Cal.—108 W. Second St.
Montreal, Que.—324 Beaver Hall Hill.
New Orleans, La.—Carondelet Bldg.
Philadelphia, Pa.—Com'l Trust Bldg.
Pittsburgh, Pa.—Chamber Com. Bldg.
St. John, N. B.—58 Water St.
St. Louis, Mo.—314 North Broadway.
San Francisco, Cal.—Rialto Bldg.
Scranton, Pa.—610 Spruce St.
Seattle, Wash.—526 First Ave. So.
Toronto, Ont.—27 Wellington St., E.
Vancouver, B. C.—551 Howe St.
Washington, D. C.—Munsey Bldg.
Winnipeg, Man.-175 MacDermott Av, E

L. B. Abrams.....Washington, D. C
E. J. Allen.....Pittsburgh, Pa
E. H. Armstrong.....
F. K. Armstrong.....New York, N.Y
W. A. Armstrong.....Cleveland, O
W. H. Armstrong.....New York, N. Y
R. W. Bailey.....Chicago, Ill
W. Blackburn.....Los Angeles, Cal
A. A. Bowman.....Montreal, Que
W. B. Brendlinger....Philadelphia, Pa
F. P. Brown.....Cleveland, O
R. H. Brown.....Dallas, Tex
H. A. Burbank.....Cobalt, Ont
H. C. Burgess.....Buffalo, N. Y
H. A. Campbell.....Mexico City, Mex
B. D. Clegg.....Vancouver, B. C
L. G. Coleman.....New York, N. Y
J. P. Cotter.....Sydney, N. S
F. M. Cross.....Chicago, Ill
R. H. Cunningham...Birmingham, Ala
L. B. Curran.....New York, N. Y
L. J. Davis.....St. Louis, Mo
F. A. Dencer.....New Orleans La
R. W. Douglass.....New York, N. Y
Wm. Ehlers, Jr.....Seattle, Wash
H. G. Evans.....St. John, N. B
T. E. Forbes.....Chicago, Ill
J. D. Foster.....El Paso, Tex
G. A. Gallinger.....New York, N. Y
W. L. Garrison.....
E. C. Geither.....Boston, Mass
J. P. Gillies.....Chicago, Ill
W. F. Gillies.....Pittsburgh, Pa
E. W. Gilman.....Montreal, Que
J. W. Green.....Boston, Mass
Stacy H. Hill.....Duluth, Minn
C. C. Hoyt.....Montreal, Que
E. M. Ivens.....New Orleans, La
R. H. Johnson.....Philadelphia, Pa
W. A. Johnson.....New York, N. Y
J. H. Jowett.....
D. C. Keefe.....
G. C. Kehrer.....San Francisco, Cal
L. D. Knight.....Butte, Mont
J. F. Kroske.....Pittsburgh, Pa
C. S. Kulp.....San Francisco, Cal
E. F. Kultchar.....Chicago, Ill
C. C. Lance.....Birmingham, Ala
J. E. Lane.....San Francisco, Cal
Geo. B. Ludlow.....Boston, Mass
A. McNeil.....Los Angeles, Cal
Chas. W. Melcher.....Chicago, Ill
W. F. Mitchell.....Duluth, Minn
W. S. Morehouse.....Chicago, Ill
C. A. Morris.....New York, N. Y
W. Nash.....Detroit, Mich
A. A. Paoli.....Winnipeg, Man
J. W. Plunkett.....Boston, Mass
J. R. Randle.....St. Louis, Mo
G. B. Raser.....Pittsburgh, Pa
H. E. Rastatter.....Philadelphia, Pa
D. G. Reeder.....Chicago, Ill
S. R. Sanders.....Scranton, Pa
O. J. Small.....Philadelphia, Pa
C. G. Smith.....Albany, N. Y
G. R. Southee.....Toronto, Ont
E. J. Steinhagen.....Cleveland, O
H. L. Terwilliger....San Francisco, Cal
L. F. Thompson.....Knoxville, Tenn
S. J. Thompson.....Philadelphia, Pa
J. N. Thorp, Jr.....Chicago, Ill
H. L. Traver.....Timmins, Ont
F. J. Ursem.....Cleveland, O
W. A. Ursem.....Detroit, Mich
Wm. Wilhelm.....Scranton, Pa
Geo. C. Williams.....Cleveland, O
S. A. Williams.....Nelson, B. C
E. S. Winslow.....Montreal, Que
Geo. W. Winslow.....Buffalo N.Y

INLAND STEEL CO.,
38 So. Dearborn St., Chicago, Il
Kansas City, Mo.—Commerce Bldg.
Milwaukee, Wis.—Majestic Bldg.
New Orleans, La.—United Fruit Bldg.
St. Louis, Mo.—Natl. Bk. Commerce.
St. Paul, Minn.—Pioneer Bldg.
Salt Lake City, Utah.—Dooly Bldg.

H. H. Bartlett.....Salt Lake City, Utah
O. P. Blake.....Kansas City, Mo
B. C. Bradford.....St. Paul, Minn
John C. Brill.....New Orleans, La
C. M. Easterly.....Milwaukee, Wis
F. R. Meyer, Jr.....St. Louis, Mo
C. R. Robinson.....Chicago, Ill

INTERNATIONAL CORRESPONDENCE SCHOOLS. (Railroad Dept.)
Scranton, Pa

E. L. Carney.....Baltimore, Md
A. C. Drynan.....Scranton, Pa
L. R. Gardner, Sec.....
F. S. Powell, Asst. to Mgr..
E. M. Sawyer, Mgr.....
S. S. Small.....

INTER-STATE CAR & FOUNDRY CO.,
Mass. Ave. & N. Sherman Drive,
Indianapolis, Ind
Geo. J. Diver, Pres..... "
Leo R. Meyer, V.-Pres. "
& Treas..... "

IRON CITY TOOL WORKS,
324 & Smaliman Sts., Pittsburgh, Pa
Chicago, Ill.—80 E. Jackson Blvd.
H. S. Griffith.....East Orange, N. J
J. C. Hays, Treas.....Pittsburgh, Pa
Julius J. Johnson.....Chicago, Ill

JEFFERSON UNION CO.,
Lexington, Mass
A. W. Freeman..... "
Daniel T. Groff..... "
W. W. Grows..... "
R. G. Prouty..... "

JEMCO PRODUCTS CO.,
343 So. Dearborn St., Chicago, Ill
Montreal, Que.—New Birks Bldg.
New York, N.Y.—317 Madison Ave.
Richmond, Va.—Mutual Bldg.
Frank Bergen.....Montreal, Que
J. L. Boatwright.....Chicago, Ill
Geo. Cooke.....New York, N. Y
R. H. Gwaltney..... "
Geo. F. Hester.....Richmond, Va
E. M. Jenkins..... Chicago, Ill
Fred Mathews..... "
C. E. McIlreevy..... "
L. F. Mulconnery.....New York, N. Y
S. J. Strid.....Chicago, Ill

JENKINS BROS.,
80 White St., New York, N. Y
Boston, Mass.—524 Atlantic Ave.
Chicago, Ill.—646 Washington Blvd.
Philadelphia, Pa.—133 No. 5th St.
C. C. Anderson.....Chicago, Ill
C. W. Carlson.....New York, N. Y
Alfred Engle..... "
S. R. Funk.....Philadelphia, Pa
J. E. Hodgkins.....Boston, Mass
H. W. Jackson.....Chicago, Ill
J. A. La Due.....New York, N. Y
A. C. Langston..... "
W. G. Le Compte..... "
B. J. Neely.....Chicago, Ill
Geo. Royal..... "
L. H. Serre.....Boston, Mass
Anthony D. Weber..... "
B. R. Wofford.....New York, N. Y
C. B. Yardley, Jr..... "

JERGUSON GAGE & VALVE CO.,
Winter Hill, Somerville, Mass
Atlanta, Ga.—Candler Bldg.
P. A. Jerguson, Pres.
& Mgr.....Somerville, Mass
W. R. Ladewig..... Los Angeles, Cal
Horace Parker..... Atlanta, Ga

JOHNS-MANVILLE, INC.,
41st St. & Madison Ave., New York, N. Y
Boston, Mass.—55-61 High St.
Chicago, Ill.—Michigan Ave. & 18th St
Cleveland, O.—6300 Euclid Ave.
Indianapolis, Ind.—217 W. Wash. St.
Montreal, Que.—450-452 St. James St.
Philadelphia, Pa.—210-212 N. Broad St.
Pittsburgh, Pa.—Westinghouse Bldg.
St. Louis, Mo.—11th & Olive Sts.
St. Paul, Minn.—Endicott Bldg.
San Francisco, Cal.—500 Post St.
Seattle, Wash.—3d Ave. & Stewart St.
Washington, D. C.—Kellogg Bldg.
P. R. Austin.....Chicago, Ill
C. E. Bryant.....New York, N. Y
W. R. Bush.....Washington, D.C
C. S. Clingman.....St. Louis, Mo
E. L. Colopy.....New York, N. Y
H. J. Crowe.....Chicago, Ill
A. F. Eichhorn.....Atlanta, Ga
H. Flannagan.....St. Paul, Minn
C. D. Folsom.....Boston, Mass
W. J. Hennessey.....San Francisco, Cal
H. D. Hitchcock.....Los Angeles, Cal
F. J. Horne.....Philadelphia, Pa
P. C. Jacobs, West. Asst.
Mgr. R. R. Dept.....Chicago, Ill
Jno. D. Johnson.....Indianapolis, Ind
W. H. Lawrence.....New York, N. Y
H. L. Leach..... "
Wm. B. Ludlow.....San Francisco, Cal
C. E. Murphy.....Indianapolis, Ind
G. A. Nicol, Gen. Mgr.
R. R. & Govt. Dept...New York, N. Y
T. J. O'Leary.....Salt Lake City, Utah
L. Papineau.....Montreal, Que
C. M. Patten.....St. Louis, Mo
A. C. Pickett..... "
B. J. Queen..... "
P. E. Redding.....Cleveland, O
E. O. Roby.....New York, N. Y
H. B. Sewell.....Pittsburgh, Pa
W. J. Stewart.....Philadelphia, Pa
A. C. Towne.....Montreal, Que
R. P. Townsend, East.
Asst. Mgr. R. R. Dept..New York, N. Y
J. H. Trent.....St. Louis, Mo
F. C. Vandervort.....Chicago, Ill
L. S. Wilbur..... "
R. C. Yates.....Seattle, Wash
J. C. Younglove, Asst. Gen.
Mgr. R. R. & Govt. Dept..Chicago, Ill

JOHNSON & CO., INC., J. R.,
Richmond, Va
Boston, Mass.—141 Milk St.
New York, N. Y.—120 Broadway.
San Francisco, Cal.—Monadnock Bldg
Geo. W. Denyven.....Boston, Mass
Irving W. Glasel.....New York, N. Y
Marshall N. Newell..... Richmond, Va
Phillip M. Patterson, San Francisco, Cal
Geo. L. Street, Jr.....Richmond, Va
John J. Utech.....New York, N. Y

JONES CAR DOOR CO.,
53 W. Jackson Blvd., Chicago, Ill
Belden D. Jones, Manager "

JORDAN COMPANY, O. F.,
Chicago & Kennedy Aves..E. Chicago, Ind
A. W. Banton..... "
J. C. Forbes..... "
A. L. Greenabaum..... "
Walter J. Riley..... "
J. S. Zuckerman..... "

JOYCE-CRIDLAND CO., Dayton, O
Atlanta, Ga.—974 Peachtree St.
Ft. Worth, Tex.—1200 Sixth Ave.
New York, N. Y.—105 W. 40th St.
Richmond, Va.-Richmond Trust Bldg
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—Hobart Bldg.
A. S. Beattys .....New York, N. Y
W. F. Bippus.....Dayton, O

(Continued on following page.)

JOYCE-CRIDLAND CO.—Continued.
Harry Brock.....Dayton, O
C. H. Brown.....Atlanta, Ga
B. P. Claiborne.....Richmond, Va
H. G. Cook.....San Francisco, Cal
H. W. Leeper.....Ft Worth, Tex
R. C. O'Brien.....St. Louis, Mo
R. L. Skidmore..... "

K-G WELDING & CUTTING CO., INC.,
556 West 34th St., New York, N. Y
Albany, N. Y.—40 Madison Ave.
Baltimore, Md.—700 McCulloh St.
Detroit, Mich.—144 W. Larned St.
Indianapolis, Ind.—425 No. Capitol Ave
Montreal, Que.—1142 Ontario St.
Perth Amboy, N. J.—870 Amboy Ave.
Philadelphia, Pa.—1718 Sansom St.
Pittsburgh, Pa.—Library Road.
Tompkinsville, S.I., N.Y.—85 Brook St.
J. G. Brown.....San Francisco, Cal
A. W. Carr.....Baltimore, Md
J. W. Evans.....Tompkinsville, S. I
W. R. Garten.....Indianapolis, Ind
Ray Gaul..... .....Albany, N. Y
H. H. Kress.....Philadelphia, Pa
Chas. Royer..... { Montreal, Que / Toronto, Ont
O. L. Smith.....Detroit, Mich
A. G. Sprague.....Perth Amboy, N. J
W. C. Swift.....W. Alexandria, O
F. O. Weber.....Pittsburgh, Pa
H. P. Winslow.....Worcester, Mass

KALAMAZOO RAILWAY SUPPLY CO.,
Kalamazoo, Mich.
Denver, Col.—Barth Bldg.
Montreal, Que.—285 Beaver Hall Hill.
New Orleans, La.—Howard & Constance Sts.
New York, N. Y.—50 Church St.
Portland, Ore.—271 Pine St.
St. Louis, Mo.—Ry. Exchange Bldg.
Seattle, Wash.—1st Ave. So. & Alaska St.
Spokane, Wash.—1118 Ide St.
Winnipeg, Man.—1056 Arlington St.
J. A. Badger.....New Orleans, La
G. Bassett.....Chicago, Ill
L. W. Bates.....Kalamazoo, Mich
L. Boswell..... .....St. Louis, Mo
G. E. Bridge.....Huntington, Ind
F. W. Buerstatte.....Seattle, Wash
H. M. Clawson.....New York, N. Y
H. G. Ferris.....Spokane, Wash
J. G. Frentz .....New Orleans, La
Geo. E. Hardenbergh....Seattle, Wash
J. I. Hemmings.....Portland, Ore
Lacy Hofius.....Seattle, Wash
R. E. Keller, Eng.....Kalamazoo, Mich
D. P. Lamoreux.....Montreal, Que
A. Martin.....Chicago, Ill
F. E. McAllister, Pres. Kalamazoo, Mich
W. R. McHugh.....New Orleans, La
F. S. McNamara.....Denver, Col
J. E. Murray.....New York, N. Y
W. D. Parker.....New Orleans, La
E. Poehler.....Chicago, Ill
Edgar A. Powell.....Winnipeg, Man
R. S. Stewart.....Portland, Ore
J. S. Wilson.....Vancouver, B. C

KAY & ESS CO., Dayton, O
Clark H. Bennett.....Chicago, Ill
A. J. Bush.....Dayton, O
C. S. Carter.....Minneapolis, Minn
H. G. Kittredge, Pres.....Dayton, O
W. E. Mueller..... "

KELLER, INC., WILLIAM H.,
Grand Haven, Mich
Birmingham, Ala.—2115 First Ave.
Boston, Mass.—259 Franklin St.
Chicago, Ill.—15 No. Jefferson St.
Cincinnati, O.—335 West 4th St.
Cleveland, O.—697 East 120th St.
Detroit, Mich.—536 Shelby St.
Milwaukee, Wis.—610 Sycamore St.
New York, N. Y.—54 Dey St.
Philadelphia, Pa.—709 Arch St.
Pittsburgh, Pa.—Fulton Bldg.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—1956 N. Broadway.
St. Paul, Minn.—116 East 4th St.
Salt Lake City, Utah.—Newhouse Bldg.
Toronto, Ont.—172 Jameson Ave.
Vancouver, B.C.-Bk. Nova Scotia Bldg
E. F. Atwood..... Boston, Mass
E. J. Biederman.....Chicago, Ill
J. B. Corby.....St. Louis, Mo
Jas. A. Cowie.....Vancouver, B. C
Peter Cumming, Wks.
Mgr.....Grand Haven, Mich
W. F. Delaney.....Richmond, Va
W. J. Devlin.....Philadelphia, Pa
R. Dykstra.....Detroit, Mich
F. S. Eggleston.....Boston, Mass
L. R. Fedler.....Milwaukee, Wis
C. W. Gellinger.....Pittsburgh, Pa
W. E. Hall.....Grand Haven, Mich
M. Holmgreen.....San Antonio, Tex
C. Humphrey.....Detroit, Mich
C. H. Jones.....Salt Lake City, Utah
Geo. J. Kehoe.....Cincinnati, O
H. H. Kerr.....Chicago, Ill
R. D. Lewis.....St. Paul, Minn
W. H. Loutit, Pres..Grand Haven, Mich
G. B. May.....Richmond, Va
Geo. L. McNicol.....Vancouver, B. C
W. J. Raining.... .....St. Louis, Mo
F. L. Reus.....Grand Haven, Mich
B. P. Sherwood, Sec. & Treas..... "
J. R. Space.....New York, N. Y
R. M. Swansen, P. A. Grand Haven, Mich
Wm. Voitlein.....St. Louis, Mo
L. J. Wakefield.....Cleveland, O
A. L. Warren.....Philadelphia, Pa
Guy S. Warren, V.-Pres. & Gen. Mgr.....Grand Haven, Mich
R. S. Whipple.....Birmingham, Ala
Jas. C. Willson.....St. Paul, Minn
J. B. Wilson.....Toronto, Ont
Daniel Woodhead.....Chicago, Ill
C. G. Young.....Boston, Mass

KERITE INSULATED WIRE & CABLE CO., 30 Church St., New York.
Chicago, Ill.—122 So. Michigan Ave.
San Francisco, Cal.—215 Market St.
E. L. Adams.....Chicago, Ill
Azel Ames.....New York, N. Y
R. D. Brixey, Pres..... "
C. M. Deardorff.....Chicago, Ill
W. H. Fenley..... "

(Continued on following page.)

TE INSULATED WIRE & CABLE CO.—Cont'd.
A. Hamilton.....New York, N. Y
R. R. Harris..... "
E. Hieber.....Chicago, Ill
W. Parsons.....St. Paul, Minn
A. Reeb.....Chicago, Ill
A. Renton.....New York, N. Y
P. Robinson.....San Francisco, Cal
L. Winchell, Jr., V.-Pres. } New York,
W. Young..... } N. Y.

Y-BOLT APPLIANCE CO.,
Orchard Park, N. Y
T. Hanscom..... "
W. McDougall.....Greenville, Pa
F. K. Miller.....Orchard Park, N. Y
obt. H. Peters..... "

YOKE RAILWAY EQUIPMENT CO.,
53 W. Jackson Blvd., Chicago, Ill
Montreal, Que.—Drummond Bldg.
os. A. Cameron.....Montreal, Que
. J. Cook, V.-Pres. & Gen.
Mgr.....Chicago, Ill
. J. Holland..... "
V. J. Robider.....New York, N. Y

YSTONE BRONZE COMPANY,
39th St. and A. V. Ry., Pittsburgh, Pa
Louisville, Ky.—Starks Bldg.
New York, N. Y.—165 Broadway.
Washington, D. C.—1319 S St.
Youngstown, O.—Home Savings and Loan Bldg.
Presley A. Hamilton...New York, N. Y
W. Newton Jeffress..Washington, D. C
H. Z. Kelly.....Youngstown, O
Mont Murray, Pres.....Pittsburgh, Pa
Wm. W. Murray, V.-Pres. "
S. Rush, Sec. & Treas.. "
Arthur Seligman.....New York, N. Y
M. S. Simpson.....Louisville, Ky

ILBY FROG & SWITCH CO.
See Weir Kilby Corp.

ING PNEUMATIC TOOL CO.,
ain Office—1736 Armitage Ave.,
Chicago, Ill
Birmingham, Ala.—2500 No. 2nd St.
Cleveland, O.—205 St. Clair Ave.
Detroit, Mich.—R. E. Exchange.
Minneapolis, Minn.—709 Douglas Ave.
Philadelphia, Pa.—7 So. 22d St.
Pittsburgh, Pa.—Bessemer Bldg.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—320 N. Grand Ave.
Salt Lake City, Utah—Dooly Bldg.
San Francisco, Cal.—Balfour Bldg.
Geo. A. Barden.....Philadelphia, Pa
A. L. Becker.....San Francisco, Cal
J. C. Buckels.....Chicago, Ill
John M. Butler, Pres..... "
E. J. Charron.....Detroit, Mich
E. Clarke.....St. Louis, Mo
Nelson F. Dunn.....Minneapolis, Minn
H. I. Kahn.....Birmingham, Ala
Geo. O. Loeffler.....Pittsburgh, Pa
H. M. Merry.....Salt Lake City, Utah
Chas. F. Overly.....Cleveland, O
D. B. Parker.....Richmond, Va
O. F. Riser.....Salt Lake City, Utah

KINNEAR MFG. CO., Columbus, O
Baltimore, Md.—Md. Ave. & 22nd St.
Boston, Mass.—294 Washington St.
Chicago, Ill.—844 Rush St.
Cincinnati, O.—528 Walnut St.
Cleveland, O.—Union Bldg.
Detroit, Mich.—Ford Bldg.
Indianapolis, Ind.—Merchants Bank Bldg.
Kansas City, Mo.—Ry. Exchange Bldg.
Los Angeles, Cal.—Bank of Italy Bldg.
Montreal, Can.—Dubruile Bldg.
New Orleans, La.—Hibernia Bk. Bldg.
New York, N. Y.—342 Madison Ave.
Philadelphia, Pa.—Wesley Bldg.
Pittsburgh, Pa.—Oliver Bldg.
St. Louis, Mo.—2006 Locust St.
San Francisco, Cal.—444 Market St.
Seattle, Wash.—1105 Second Ave.
Vancouver, B. C.—530 Howe St.
Washington, D. C.—Investment Bldg.
F. B. Billheimer.....Philadelphia, Pa
Guy Burrell.....Cincinnati, O
Jas. Calhoun.....St. Louis, Mo
Boyd Cherry.....New York, N. Y
D. E. Fryer.....Seattle, Wash
S. L. Galbraith.....Boston, Mass
C. J. A. Halberg.....Los Angeles, Cal
Fred H. Jackson.....Baltimore, Md
W. McWorkman.....Indianapolis, Ind
W. H. C. Mussen.....Montreal, Can
H. H. Nutter.....Columbus, O
W. N. O'Neil.....Vancouver, B. C
C. C. Overman.....Chicago, Ill
R. M. Pardee.....Atlanta, Ga
Wallace Pearson.....New Orleans, La
Geo. D. Sheets.....Pittsburgh, Pa
O. P. Shelley.....San Francisco, Cal
H. E. Shirey.....Columbus, O
H. A. Shuler.....Detroit, Mich
Howard F. Wehrle....Kansas City, Mo
A. S. White.....Cleveland, O
Lester G. Wilson.....Washington, D. C

KINSEY CO., THE E. A.,
335 West 4th St., Cincinnati, O
E. B. Andrews..... "
F. C. Bentley..... "
H. C. Bierhorst..... "
Chas. Boultman..... "
A. I. Brokaw..... "
Dave Case..... "
E. D. Charles..... "
W. S. Chipman..... "
John Cryan..... "
J. P. Day..... "
A. E. Douglas..... "
Lewis N. Gatch, Sec..... "
C. C. Jackson..... "
F. W. Knarr..... "
F. Koklauner..... "
A. T. Lelherby..... "
D. M. Martin..... "
John O. McManus..... "
C. B. McVay, Treas..... "
C. Oglesby..... "
W. H. Olden..... "
W. J. O'Malley..... "
A. C. Pool..... "
W. J. Radcliffe, Pres. & G. M. "
J. C. Rhende..... "
O. C. Scott..... "
Geo. C. Shays, V.-Pres..... "
H. R. Tshudy..... "

LANDIS MACHINE COMPANY, INC.
Waynesboro, Pa
J. T. Benchoff..... "
F. C. Delcher..... "
J. W. Frey..... "
C. H. Gilland..... "
L. L. Hospelhorn..... "
J. E. Hovis..... "
C.N. Kirkpatrick, Sales Mgr..... "
M. M. Lutz..... "
H. W. Marker..... "
C. F. Meyer, Asst. Sec.. "
R. L. Moore..... "
P. A. Reynolds..... "
H. C. Stevens..... "
G. M. Stickell,..... "

LANG BROOM CO.,
518 Foreland St., N. S., Pittsburgh, Pa
S. L. Lang, Sec..... "
W. S. Lang, Pres..... "
T. C. Tipper, Sales Mgr... "

LAVERIE & SONS, INC., R. H.,
17 State St., New York, N. Y.
Chicago, Ill.—431 So. Dearborn St.
Philadelphia, Pa.—308 Walnut St.
Pittsburgh, Pa.—200 6th Ave.
St. Louis, Mo.—Frisco Bldg.
San Francisco, Cal.—Robt. Dollar Bldg
Seattle, Wash.—Central Bldg.
Vancouver, B. C.—837 Hastings St., W.
John B. Emerson, V.-Pres..Chicago, Ill
M. C. Furstenau.....Philadelphia, Pa
A. Gow.....Seattle, Wash
E. S. Hough.....San Francisco, Cal
M. A. Laverie, V.-Pres..New York, N. Y
R. H. Laverie, Pres..... "
R. R. Laverie, V.-Pres.. "
John Lockhart.....Vancouver, B. C
H. W. Pirie.....St. Louis, Mo
H. S. Starling.....Pittsburgh, Pa
E. F. Waeber, V.-Pres..New York, N. Y

LEHON CO.,
Oakley Ave. 44th & 45th Sts..Chicago, Ill
Minneapolis, Minn.—904 W. Lake St.
New York, N. Y.—60 Broadway.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
F. T. Carpenter.....New York, N. Y
M. F. Clarity..... .....Minneapolis, Minn
C. E. Croisant.....Chicago, Ill
John E. Eipper..... "
TomLehon, V.-P.&Gen.Mgr. "
F. A. Locke..... "
W. J. Roehl .....St. Louis, Mo
John W. Shoop, Mgr. Ry. Sales.....Chicago, Ill
E. T. Wade.....Richmond, Va
H. A. Wolfe.....Chicago, Ill

LIBERTY MACHINE WORKS,
906 No. Market St., St. Louis, Mo
Chicago, Ill.—549 Washington Blvd.
James T. Lee.....Chicago, Ill
J. Maier, Mgr.....St. Louis, Mo

LIMA LOCOMOTIVE WORKS, INC.,
Lima, O
New York, N. Y.—17 E. 42d St.
G. W. Alcock.....New York, N. Y
S. W. Baker.....Lima, O
W. B. Carnes.....New York, N. Y
J. S. Coffin, Pres..... "
J. E. Dixon, V.-Pres.... "
G. B. Kittle.....Lima, O
W. E. Mathews.....New York, N. Y
M. K. Tate.....Lima, O
W. H. Winterrowd.....New York, N. Y
W. E. Woodard, V.-Pres. "

LOCKHART IRON & STEEL CO.,
Pittsburgh, Pa
Chicago, Ill.—80 E. Jackson Blvd.
Carter Blatchford.....Chicago, Ill
W. L. Dekemer..... "
J. M. Gillespie, V.-Pres..Pittsburgh, Pa
M. F. May.....Chicago, Ill
W. C. Shuck.....Pittsburgh, Pa
J. C. Vaaler.....Chicago, Ill
Geo. P. White..... "

LOCOMOTIVE FIREBOX CO.,
310 So. Michigan Ave., Chicago, Ill
John Baker, Asst. V.-Pres.. "
Fred. Bramley..... "
Geo. R. Carr, Chman..... "
Walter S. Carr, Pres. & Treas. "
Harry Clewer, Jr..... "
G. N. De Guire, Asst. to Pres. "
C. G. Hawley, Sec..... "
Thos. F. Klein..... "
B. E. Larson, Mech. Eng.... "
Leslie R. Pyle, V.-Pres..... "
E. J. Reardon..... "
C. M. Rogers, Serv. Mgr.... "
C. A. Seley, Consit. Eng.... "
E. Frank Smith .... "
A. A. Taylor, V.-Pres. & Gen. Mgr. "
A. M. Wheeler..... "

LOCOMOTIVE STOKER CO.,
30 Gen. Robinson St., Pittsburgh, Pa
Chicago, Ill.—80 E. Jackson Blvd.
New York, N. Y—150 Broadway.
Washington, D. C.—Munsey Bldg.
W. S. Bartholomew.....Pittsburgh, Pa
J. J. Byrne.....Washington, D. C
O. B. Capps.....New York, N. Y
W. G. Clark..... "
D. F. Crawford.....Pittsburgh, Pa
V. B. Emrick .....Chicago, Ill
R. G. Kelley.....New York, N. Y
H. G. Mastin..... "
E. F. Milbank.....Chicago, Ill
Eugene Prouty.....Pittsburgh, Pa
K. M. Stoller..... "
A. L. Whipple.....New York, N. Y
A. N. Willsie.....Chicago, Ill
H. C. Woodbridge.....Pittsburgh, Pa

LOEFFELHOLZ CO.,
170 Clinton St., Milwaukee, Wis
Geo. B. Miller..... "
J. J. Miller..... "
L. R. Taylor..... "

LOGAN IRON & STEEL CO.,
21 So. 12th St., Philadelphia, Pa
Baltimore, Md.—Continental Bldg.
Boston, Mass.—80 Boylston St.
Chicago, Ill.—180 No. Market St.
New York, N. Y.—52 Vanderbilt Ave.
Pittsburgh, Pa.—Union Bank Bldg.
St. Louis, Mo.—915 Olive St.
St. Paul, Minn.—116 E. 4th St.
San Francisco, Cal.—Balboa Bldg.
J. P. Armstrong.....San Francisco, Cal
O. D. Brigham.....Chicago, Ill
J. R. Fuller.....Pittsburgh, Pa

(Continued on following page.)

LOGAN IRON & STEEL CO.—Continued.
J. T. Hill.....Baltimore, Md
A. Ellis Hunt.....Boston, Mass
T. Jameson, Mgr.....Burnham, Pa
E. C. Johnson.....St. Paul, Minn
F. G. Jones, Sec.....Philadelphia, Pa
F. G. Kennedy, Jr., Pres. "
T. L. Kirkpatrick.....Boston, Mass
W. R. Maxwell.....St. Louis, Mo
J. S. Pendleton.....New York, N. Y
J. C. Willson.....St. Paul, Minn

LONG CO., CHAS. R., JR., Louisville, Ky
Chicago, Ill.—14 E. Jackson Blvd.
C. N. Anawalt, Asst. Sec., Louisville, Ky
C. D. Clarke..... "
Kenneth E. Clarke, Supt. "
E. S. DePass, V.-Pres.....Chicago, Ill
Geo. P. Dirth.....Louisville, Ky
W. H. Heckman, V.-Pres., Chicago, Ill
A. G. Hollingshead, V.-Pres. "
Frank J. Kearney...Minneapolis, Minn
John S. Lemley, V.-Pres..Houston, Tex
Chas. R. Long, Jr., Pres..Louisville, Ky
J. M. Monroe, V.-Pres.... "
S. W. Russell, V.-Pres. & Gen. Mgr..... "
L. R. Sivertson, Asst. Supt..... "
G. S. Turner, V.-Pres.....Chicago, Ill
F. G. Zimmerman, Asst. Sec. "

LORAIN STEEL CO., THE
Johnstown, Pa
Atlanta, Ga.—Trust Co. of Ga. Bldg.
Chicago, Ill.—208 So. La Salle St.
Cleveland, O.—Rockefeller Bldg.
Dallas, Tex.—Praetorian Bldg.
Los Angeles, Cal.—Arcade Station.
New York, N. Y.—71 Broadway.
Philadelphia, Pa.—Widener Bldg.
Pittsburgh, Pa.—Frick Bldg.
Portland, Ore.—Selling Bldg.
San Francisco, Cal.—Rialto Bldg.
Seattle, Wash.—4th Ave., S. & Conn.
W. H. Andrews.....Chicago, Ill
P. M. Boyd, Sec.-Treas..Johnstown, Pa
Edward Bray.....Seattle, Wash
T. W. Brush, Jr.....New York, N. Y
Carroll Burton, Pres.....Johnstown, Pa
R. B. Carr.....San Francisco, Cal
S. J. Cotsworth.....Philadelphia, Pa
E. R. Eldredge.....Portland, Ore
E. B. Entwisle.....Johnstown, Pa
Otto Fischer.....Cleveland, O
H. L. Gleeson.....Pittsburgh, Pa
G. J. Hahn.....Johnstown, Pa
Wm. W. Kingston.....Atlanta, Ga
J. T. Moore..... "
H. H. McDonald.....Chicago, Ill
S. P. McGough..... "
Maxwell L. Rahner.....Atlanta, Ga
Leroy M. Schrufer....Philadelphia, Pa
B. W. Smith.....Los Angeles, Cal
H. C. Stiff.....Johnstown, Pa
J. G. Vance.....Dallas, Tex
A. L. Verner.....New York, N. Y

LOUISVILLE FROG & SWITCH CO.,
30th and High Sts., Louisville, Ky
Chicago, Ill.—Monadnock Bldg.
Richmond, Va.—Mutual Bldg.
Roanoke, Va.—1st Natl. Bk. Bldg.
San Francisco, Cal.—660 Market St.
Washington, D.C.-631 Penna. Ave., N W
T. W. Barry, Ch. Eng.....Louisville, Ky
C. A. Boyd..... "
T. F. Carlin.....Washington, D. C
F. W. Carter, Pres. & Gen. Mgr.....Louisville, Ky
J. S. Drillette, Gen. Supt. "
J. R. Hayward.....Roanoke, Va
Earle Mann.....Chicago, Ill
C. H. Quinn.....San Francisco, Cal
Cecil Stevens.....Richmond, Va

LOWE BROTHERS CO.,
450 E. Third St., Dayton, O
New York, N. Y.—7 East 42d St.
Pittsburgh, Pa.—Farmers Bk. Bldg.
Richmond, Va.—Mutual bldg.
R.H. Blackall..... } Pittsburgh, Pa / New York, N. Y
D. K. Coyle.....Pittsburgh, Pa
Robt. DeArmond, Asst. Sales Mgr., Ry. Dept.....Dayton, O
Langley Ingraham, Gen. Sales Mgr., Ry. Dept..... "
H. F. Thorne.....New York, N. Y
E. T. Wade.....Richmond, Va

LUCAS CO., ROBERT M.,
1955 W. 31st St., Chicago, Ill
E. H. Hall..... "
Chas. R. Osborn..... "
Edwin J. Parr..... "

LUDLUM STEEL CO.,
Watervliet, N. Y
Boston, Mass.—80 Boylston St.
Chicago, Ill.—1238 W. Washington Blvd
Cleveland, O.—B. F. Keith Bldg.
Detroit, Mich.—1637 E. Grand Blvd.
Houston, Tex.—710 Leland Ave.
Los Angeles, Cal.—724 Kohler St.
New York, N. Y.—33 West 42nd St.
Philadelphia, Pa.—R. E. Trust Bldg.
Rutland, Vt.—47 Terrill St.
San Francisco, Cal.—80 Tehama St.
H. I. Askew, Jr.....Detroit, Mich
Geo. S. Batten, Mgr..San Francisco, Cal
Le Roy Burr.....Chicago, Ill
A. A. Colebrook, Mgr..New York, N. Y
John J. Cruice.....Detroit, Mich
A. D. Darragh.....New York, N. Y
H. E. Doughty.....Philadelphia, Pa
Wm. A. Edwards.....Houston, Tex
P. E. Floyd, Mgr.....Chicago, Ill
G. L. Hulben..... "
Wilson Kinsey.....Cleveland, O
P. J. McCarthy.....Springfield, Mass
Robt. P. McCarthy, New London, Conn
S. T. Pearsons.....Rutland, Vt
Jos. Pfaff.....New York, N. Y
J. E. Polhemus, Mgr.....Detroit, Mich
E. R. S. Reeder, Mgr.....Boston, Mass
T. C. Sherman, Mgr.....Cleveland, O
Jas. S. Spade, Mgr.....Los Angeles, Cal
H. W. Spiegel.....Detroit, Mich
P. R. Thurston.....Cleveland, O
W. L. Weaver.....Albany, N. Y
Walter S. Wells.....Boston, Mass
Geo F. Wilson, Mgr..Philadelphia, Pa

LUFKIN RULE CO., THE
Saginaw, Mich
New York, N. Y.—106-110 Lafayette St
Frank J. Allaire.....Detroit, Mich
Lewis Barnard..Signal Mountain, Tenn
R. M. Benjamin.....Saginaw, Mich
Byron S. Butcher.....New York, N. Y
E. M. Eadie, Jr....., "
J. D. Grant.....Saginaw, Mich
Fred. Hollingworth.....St. Louis, Mo
J. A. Hossack.....Toronto, Can
Alfred Huss.....Saginaw, Mich
Geo. C. McBeth..... "
J. C. McNeil.....New York, N. Y
E. H. Meibeyer.. .....Saginaw, Mich
John Powell..... Chicago, Ill
F. L. Pritchard.....Cleveland, O
O. S. Rhea.....Berkeley, Cal
F. J. Sharp.....New York, N. Y
W. S. Speir.....Pittsburgh, Pa
Wm. J. Stewart.....Detroit, Mich
Geo. W. Stoddart.....Chicago, Ill
R. G. Thompson.....New York, N. Y
H. C. Ulrich.....Pittsburgh, Pa
Theo. P. Young.....Chicago, Ill

LUKENS STEEL CO., Coatesville, Pa
Baltimore, Md.—Continental Bldg.
Boston, Mass.—Board of Trade Bldg.
Chicago, Ill.—1300 No. Branch St.
Cincinnati, O.—Union Trust Bldg.
Cleveland, O.—Union Trust Bldg.
Houston, Tex.—2nd Natl. Bk. Bldg.
Los Angeles, Cal.—2020 East 37th St.
Montreal, Que.—160 Wellington St.
New Orleans, La.—Miro & Japonica Sts.
New York, N. Y.—17 Battery Place.
Philadelphia, Pa.—Com'l Trust Bldg.
Pittsburgh, Pa.—Oliver Bldg.
Portland, Ore.—Corbett Bldg.
San Francisco, Cal.—400 Mission St.
Seattle, Wash.—82 W. Connecticut St.
Toronto, Ont.—373 Front St., E.
Geo. W. Boole.....Seattle, Wash
E. O. Burdon.....Portland, Ore
J. F. Coburn.....Cleveland, O
J. F. Corlett..... "
W. H. Crampton.....Baltimore, Md
W. H. Edgerley.....New York, N. Y
R. W. Ferguson.....New Orleans, La
Frank H. Gordon,
Gen. Mgr. of Sales.....Coatesville, Pa
H. J. Hamilton.....Toronto, Ont
W. B. Harris.....Cincinnati, O
L. M. Henoch.....Chicago, Ill
T. M. Hutchison.....Montreal, Que
Harry Loeb.....Philadelphia, Pa
C. E. Naylor.....Houston, Tex
Bennett Oliver.....Pittsburgh, Pa
H. G. Porch.....Boston, Mass
John L. Robertson....Los Angeles, Cal
R. L. Sanford.....San Francisco, Cal
G. T. Shants.....Philadelphia, Pa
W. B. Simpson.....Chicago, Ill

LUNDIE ENGINEERING CORP.,
285 Madison Ave., New York, N. Y
Chicago, Ill.—166 W. Jackson Blvd.
L. B. Armstrong.....Chicago, Ill
Eugene Brandeis.....New York, N. Y
John Lundie..... "
W. Brooke Moore..... "
G. W. Nibbe.....Chicago, Ill
R. L. Nutt, Jr .....Norfolk, Va

LUNDY CO., E. A.,
Fulton Bldg., Pittsburgh, Pa
Chicago, Ill.—Marquette Bldg.
Philadelphia, Pa.—Harrison Bldg.
P. M. Etters, Dist. Mgr. Philadelphia, Pa
E. A. Lundy, Pres.....Pittsburgh, Pa
C. G. McCaulley, V.-Pres. "
Preston Parish, Dist. Mgr. . Chicago, Ill
I. B. Warner, Sec.-Treas. Pittsburgh, Pa

LUPTON'S SONS CO., DAVID,
Allegheny Ave. & Tulip St.,
Philadelphia, Pa
Atlanta, Ga.—Bona Allen Bldg.
Baltimore, Md.—509 N. Charles St.
Boston, Mass.—161 Devonshire St.
Buffalo, N. Y.—Jackson Bldg.
Chicago, Ill.—Steger Bldg.
Cleveland, O.—Swetland Bldg.
Dallas, Tex.—Mercantile Bk. Bldg.
Detroit, Mich.—2631 Woodward Ave.,
Los Angeles, Cal.—Mer. Nat. Bk. Bldg
Newark, N. J.—45 Academy St.
New York, N. Y.—50 Church St.
Pittsburgh, Pa.—Oliver Bldg.
C. A. Bockius.....Dallas, Tex
W. S. Brauns.....Baltimore, Md
Chas. F. P. Buckwalter,
Asst. Sales Mgr .....Los Angeles, Cal
W. D. Calley, Dist. Mgr.....Atlanta, Ga
R. D. Cole, III..... "
L. W. Hallock.....New York, N. Y
G. N. Hingston, Dist.
Mgr.....Philadelphia, Pa
Walter R. King, Dist. Mgr. Detroit, Mich
Wm. C. Pfleider, Dist. Mgr., Cleveland, O
Clarke P. Pond, V.-Pres. Philadelphia, Pa
G. R. Roden, Jr.....Buffalo, N. Y
R. A. Sanborn, Dist. Mgr... Chicago, Ill
W. C. Scott, Dist. Mgr...Pittsburgh, Pa
J. H. Throm..... "
Geo. J. Wagner.....Cleveland, O
H. R. Wilkinson, Dist. Mgr. New York, N. Y
H. H. Williams.....Newark, N. J
H. S. Williams.....Chicago, Ill
R. H. Willis.....Boston, Mass

M. W. SUPPLY CO.,
Real Estate Trust Bldg..Philadelphia, Pa
E. L. Ruby..... "
Charles Z. Vaughan... "
D. F. Vaughan..... "
D. L. Vaughan..... "

MAC LEAN-FOGG LOCK NUT CO.,
2649 No. Kildare Ave., Chicago, Ill
Baltimore, Md.—1927 W. Mulberry St.
Detroit, Mich—7338 Woodward Ave.
Dallas, Tex.—Santa Fe Bldg.
Duluth, Minn.—Torrey Bldg.
Minneapolis, Minn.—904 W. Lake St.
St. Louis, Mo.—Ry. Exchange Bldg.
C. Beaumont.....Baltimore, Md
T. W. Callahan.....Minneapolis, Minn
M. F. Clarity..... "
J. W. Fogg, V.-Pres.....Chicago, Ill
N. C. Foss.....Detroit, Mich
C. H. Gallrein.....Dallas, Tex
C. B. Irish.....St. Louis, Mo
J. A. MacLean, Pres .....Chicago, Ill
N. F. McNaught, Sec..... "
W. H. Odlum, Treas..... "
F. J. O'Leary..... "
Wm. A. Sombke.....Duluth, Minn

MADISON-KIPP CORPORATION,
Madison, Wis
Chicago, Ill.—306 So. Wabash Ave.
San Francisco, Cal.—Sheldon Bldg.
Frank R. Clark.....Madison, Wis
J. A. Coleman..... "
T. E. Coleman..... "
W. G. Coles..... "
A. H. Flanagan.....Chicago, Ill
A. X. Merz.....San Francisco, Cal
W. B. Wheeler,.....Chicago, Ill

MAGNUS CO., INCORPORATED,
111 Broadway, New York, N. Y
Chicago, Ill—80 E. Jackson Blvd.
F. E. Beal.....Atlanta, Ga
C. L. Bronsdon.....Los Angeles, Cal
W. P. Carney..... ....Chicago, Ill
W. H. Croft, 1st V.-Pres..... "
G. W. Hayden.....New York, N.Y
W. D. Hickey..... Chicago, Ill
T. F. Kent, V.-Pres.....New York, N. Y.
N. P. Lyons..... "
G. A. Murphy .....Chicago, Ill
B. P. Owens, Sales Mgr..... "
M. J. Turner..... "

MAGOR CAR CORP.,
30 Church St., New York, N.Y.
H. N. Baird, Asst. to Pres. "
J.P.Gallagher,Sales Asst. to Pres..... "
L. C. Haigh..... "
W. P. Meigs, Sales Eng... "
A. Van Hassel, V.-Pres.... "

MAHR MANUFACTURING CO.,
1728 No. 2nd St., Minneapolis, Minn
Boston, Mass.—62 Long Wharf.
Chicago, Ill.—6 No. Michigan Ave.
Cleveland, O.—Rockefeller Bldg.
Duluth, Minn.—404 W. 1st St.
Houston, Tex.—2nd Natl Bk. Bldg.
Knoxville, Tenn.—Cal. Johnson Bldg.
New York, N. Y.—42 Murray St.
Philadelphia, Pa.—Com'l Trust Bldg.
Pittsburgh, Pa.—Oliver Bldg.
St. Louis, Mo.—915 Olive St.
St. Paul, Minn.—Merchants Bk. Bldg
San Francisco, Cal.—589 Howard St.
Seattle, Wash.—910 E. Pike St.
Geo. T. Crandell....San Francisco, Cal
I. R. Gard.....Seattle, Wash
F. W. Gaw.....Pittsburgh, Pa
G. H. Goodell.....St. Paul, Minn
Benj. G. Harmon.....Chicago, Ill
H. H. Keeler.....Cleveland, O
R. S. Mars.....Duluth, Minn
Frank J. May.....Houston, Tex
W. S. Murrian.....Knoxville, Tenn
E. F. Plea.....Philadelphia, Pa
N. Richardson.....Boston, Mass
R. G. White.....New York, N. Y
H. B. Wilson..... St. Louis, Mo

MAINTENANCE EQUIPMENT CO.,
80 E. Jackson Blvd., Chicago, Ill
A. L. Arnold..... "
E. A. Coppock..... "
H. C. Holloway..... "
E. Overmier..... "
J. A. Roche..... "

MANNING, MAXWELL & MOORE, INC.
100 E 42nd St., New York, N. Y
Birmingham, Ala.—Age-Herald Bldg.
Boston, Mass.—99 Chauncy St.
Buffalo, N. Y.—White Bldg.
Chicago, Ill.—29 North Jefferson St.
Cleveland, O.—Huron-Sixth Bldg.
Detroit, Mich.—Majestic Bldg.
Philadelphia, Pa.—Fox Bldg.
Pittsburgh, Pa.—Park Bldg.
San Francisco, Cal.—Rialto Bldg,
St. Louis, Mo.—Railway Exchange.
Seattle, Wash.—L. C. Smith Bldg.
A. J. Acker .....Pittsburgh, Pa
Norman Alderdice.. ... "
Geo. Ames.....New York, N. Y
O. L. Andrews.....Cleveland, O
J. W. Barr.....New York, N. Y
F. J. Baumis..... "
F. E. Beyers.....Philadelphia, Pa
J. C. Blanton.....Atlanta, Ga
W. P. Bradbury.....New York, N. Y
J. Briscoe.....Pittsburgh, Pa
C. L. Brown.....Chicago, Ill
J. H. Bush.....New York, N. Y
C. H. Butterfield.....Boston, Mass
H. D. Carlton.....New York, N. Y
W. B. Clarke..... "
D. W. Clem..... "
G. W. Copeland.....Philadelphia, Pa
C. W. Corning.....Chicago, Ill
A. J. Cote.....Fitchburg, Mass
H. W. Cross.....Pittsburgh, Pa
R. S. Dean.....Chicago, Ill
W. A. Deems.....New York, N. Y
J. W. Dunn..... "
M. H. Edelman..... "
Thomas Farmer.....Detroit, Mich
E. D. Garfield.....Chicago, Ill
R. D. Gaumond..... "
L. A. Gluckler.....St. Louis, Mo
John Gossweiler.....New York, N. Y
E. W. Graham..... "
H. S. Griffith.....Pittsburgh, Pa
J. P. Groome.....Chicago, Ill
J. H. Hussey.....Pittsburgh, Pa
A. S. Husted.....Chicago, Ill
R. M. Jones..... "
R. S. Jones.....Pittsburgh, Pa
H. Jude.....New York, N.Y
J. C. Kennedy.....Buffalo, N. Y
H. I. Knickerbocker....New York, N. Y
W. V. Lawton.....Boston, Mass
H. S. Lester.....New York, N. Y
Fred. M. Maley.....Philadelphia, Pa
D. M. McDowell..... "
E. H. Merrick.....Cleveland, O
H. W. Miller.....Muskegon, Mich
E. M. Moore.....New York, N.Y
A. L. Nacke..... "
W. G. Nichol..... "
J. D. Nicklis..... "
C. H. Overkamp.....San Francisco, Cal
L. M. Pearsall.....Birmingham, Ala
A. S. Pierce.....Boston, Mass
T. M. Rees.....Pittsburgh, Pa
R. Ripley.....Detroit, Mich
C. B. Robinson.....New York, N. Y
W. S. Roedel..... "
E. L. Ross.....Pittsburgh, Pa
J. A. Rourke.....Boston, Mass
P. H. Ryan.....New York, N. Y
C. H. Sayward.....Boston, Mass
F. C. Schreiber.....Chicago, Ill
John F. Schurch.....New York, N. Y
S. Sheldon.....Jersey City, N. J

(*Continued on following page.*)

MANNING, MAXWELL & MOORE INC.—Continued.
J. Soule Smith.....St. Louis, Mo
C. Stepan.....Chicago, Ill
T. S. Stephens.....New York, N. Y
A. L. Sutherland..... "
J. C. Ten Eyck, Jr..... "
P. P. Wagener.....Chicago, Ill
Jos. Wainwright.....New York, N. Y
L. J. Walber.....Seattle, Wash
C. Waldie.....New York, N. Y
Jos. P. Walsh.....Chicago, Ill
C. O. Watson.....Buffalo, N. Y
F. J. Wilson.....Los Angeles, Cal
Aug. Wood.....Fitchburg, Mass
Eric Zachau.....Muskegon, Mich

MARINE TORCH CO.,
269 So. 7th St., Baltimore, Md
E. Mann..... "

MARION MALLEABLE IRON WORKS,
Marion, Ind
Chicago, Ill.—80 E. Jackson Blvd.
New York, N.Y.—30 Church St.
San Francisco, Cal.—112 Market St.
Seattle, Wash.—Alaska Bldg.
E. J. Boxer.....Seattle, Wash
F. T. De Long.....Chicago, Ill
Thos. M. Gardiner...San Francisco, Cal
E. B. Leigh.....Chicago, Ill
Edwin F. Leigh.....Marion, Ind
A. C. Moore.....Chicago, Ill
L. S. Murphy.....Marion, Ind
R. J. Sheridan.....New York, N. Y
G. N. Van Sweringer.....Chicago, Ill

MASON REGULATOR CO.,
Dorchester Center, Boston, Mass
Montreal, Que.—314 Notre Dame St., W.
San Francisco, Cal.—606 Howard St.
G. B. Allen.....San Francisco, Cal
Eldon Macleod, Treas.....Boston, Mass
F. A. Morrison, Sec..... "
F. Kenneth Morrison..... "
H. L. Peller.....Montreal, Que

MASSACHUSETTS MOHAIR PLUSH CO.,
200 Devonshire St., Boston, Mass
Chicago, Ill.—332 So. Michigan Ave.
H. M. Bliss.....Boston, Mass
J. M. Borrowdale.....Chicago, Ill
A. B. Mason, Treas.....Boston, Mass
Wm. W. Melcher..... "
S. W. Midgley.....Chicago, Ill

MASSEY CONCRETE PROD'TS CORP.,
122 So. Michigan Ave., Chicago, Ill
Atlanta, Ga.—Candler Bldg.
Cincinnati, O.—Dixie Term. Bldg.
Los Angeles, Cal.—Pacific-Elec. Bldg.
Montreal, Que.—Transp. Bldg.
New York, N. Y.—50 Church St.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—Matson Bldg.
E. C. Alexander.....Chicago, Ill
Chas. Gilman, V.-Pres.New York, N. Y
J. A. Higgs, Jr.....Atlanta, Ga
J. S. Hobson, Pres.....Chicago, Ill
David A. Hultgren..... "
A.L.Humphrey, Chmn..Wilmerding, Pa
C. H. Hunsaker.....St. Louis, Mo
Paul Kircher..... ....Montreal, Que
B. F. Landers, Treas.....Chicago, Ill
P. E. Longstreet.....Los Angeles, Cal
W. L. McDaniel.....Cincinnati, O
G. H. Redding, Sec.....Chicago, Ill
F. V. Shannon, West. Mgr.....San Francisco, Cal

McCABE MFG. CO., Lawrence, Mass
Fred. H. McCabe..... "

McCONWAY & TORLEY CO., THE
48th St. and A. V. Ry., Pittsburgh, Pa.
Chicago, Ill.—122 So. Michigan Ave.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—Arcade Bldg.
San Francisco, Cal.—Claus Spreckels Bldg.
H. F. Dunbar.....Pittsburgh, Pa
Stewart H. Ford.....Richmond, Va
W. H. Graul.....Chicago, Ill
J. J. Hughes..... "
Latham McMullin....San Francisco, Cal
I. H. Milliken.....Pittsburgh, Pa
J. J. O'Fallon, Jr.....St. Louis, Mo
W. J. Regan.....Pittsburgh, Pa

McMYLER INTERSTATE CO.,
Cleveland, O
Boston, Mass.—110 High St.
Buffalo, N. Y.—Genesee Bldg.
Chicago, Ill.—Ry. Exchange Bldg.
Detroit, Mich.—Book Bldg.
Indianapolis, Ind.—234 East 12th St.
Kansas City, Kan.—Barker Bldg.
Los Angeles, Cal.—621 East 3rd St.
New York.—233 Broadway.
Philadelphia, Pa.—Fox Bldg.
Pittsburgh, Pa.—Park Bldg.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—Boatmen's Bk. Bldg.
San Francisco, Cal.—Monadnock Bldg
Toronto, Ont.—Lumsden Bldg.
Elijah Bates, Treas.....Cleveland, O
R. B. Crenshaw.....Detroit, Mich
M. E. Culhan.....Cleveland, O
W. S. Doxsey..... "
J. H. Fleharty..... "
H. E. Green.....Philadelphia, Pa
E. K. Hayes.....Detroit, Mich
R. W. Henderson.....Richmond, Va
M. G. Hennessey.....St. Louis, Mo
R. W. Kaltenbach, Pres...Cleveland, O
Wm. P. Luck.....New Orleans, La
A. L. McCallum.....Kansas City, Kan
J. E. McFate.....Buffalo, N. Y
T. J. McGovern.....Toronto, Ont
R. L. Mead.....Chicago, Ill
H. L. Musser.....Pittsburgh, Pa
G. L. Mynich.....New York, N. Y
T. R. Rigby.....Pittsburgh, Pa
L. M. Robinson.....New York, N. Y
G. T. Sinks..... "
Geo. E. Titcomb, V. Pres...Cleveland, O
D. C. Wallace.....Indianapolis, Ind
F. J. Wanderer.....New York, N.Y
O. D. Weaver.....Boston, Mass
C. F. Wolfradt.... { Los Angeles, Cal.
{ San Francisco, Cal

MECHANICAL MFG. CO.,
Union Stock Yards, Chicago, Ill
New York, N. Y.—30 Church St.
F. N. Beeson, Gen. Mgr.....Chicago, Ill
W. Harding Davis.....St. Louis, Mo
J. W. Hubbard.....Chicago, Ill
H. E. Johnson..... "
J. A. Keating.....New York, N.Y
A. H. Miller.....Chicago, Ill

MERCURY MANUFACTURING CO.,
4118 So. Halsted St., Chicago, Ill
Boston, Mass.—10 High St,
Cleveland, O.—Plymouth Bldg.
Detroit, Mich.—59 Selden Ave.
Los Angeles, Cal.—1612 Maple Ave.
Montreal, Que.—37 Shannon St.
New York, N. Y.—25 Church St.
Pittsburgh, Pa.—Oliver Bldg.
Portland, Ore.—146½ No. 10th St.
San Francisco, Cal.—274 Brannan St.
Toronto, Ont.—87 Jarvis St.
Winnipeg, Man.—MacArthur Bldg.
John R. Bensley, V.-Pres. & Gen. Sales Mgr.....Chicago, Ill
H. J. Butler..... "
H. B. Clapp..... "
C. H. Clare.....New York, N. Y
R. George.....Winnipeg, Man
J. R. Henkle.....Cleveland, O
Conrad Hibbeler.....Boston, Mass
H. E. Honwood.....Montreal, Que
H. A. Killam.....Portland, Ore
A. W. Leet.....Detroit, Mich
A. S. Lindstrom.....San Francisco, Cal
L. R. Millar.....Chicago, Ill
H. F. Nye.....Toronto, Ont
H. Lee Reynolds.....Pittsburgh, Pa
A. D. Shanks.....Chicago, Ill
H. H. Swisher.....Los Angeles, Cal

METAL & THERMIT CORP.,
120 Broadway, New York, N. Y
Boston, Mass.—141 Milk St.
Chicago, Ill.—7300 So. Chicago Ave.
Pittsburgh, Pa.—1514 Fayette St., N.S.
So. San Francisco, Cal.—Swift Ave.
Toronto, Ont.—15 Emily St.
William Aldrich, So. San Francisco, Cal
A. F. Beaulieu.....Chicago, Ill
E. A. Beck, Metallurgist. New York, N. Y
Edw. B. Bloom.....Pittsburgh, Pa
A. F. Braid, Sales Mgr. Metals & Alloy Dept. New York, N. Y
R. L. Browne, Dist. Mgr..Boston, Mass
F. W. Cohen, Asst. Gen. Mgr.....New York, N. Y
J. H. Deppeler, Ch. Eng. "
Donald C. Dickson..... "
C. E. Gearhart.....Pittsburgh, Pa
W. R. Hulbert, Sales Mgr. Thermit Dept.....New York, N. Y
F. N. Keithley...So. San Francisco, Cal
H. D. Kelley, Dist. Mgr..Pittsburgh, Pa
J. G. McCarty, Mgr.....Toronto, Ont
Wm. H. Moore.....Chicago, Ill
R. M. Swan.....New York, N. Y
J. B. Tinnon, Mgr. Rail Welding Dept..... "
H. E. Van Dyke..So. San Francisco, Cal
James M. Wilson.....Pittsburgh, Pa
L. G. Vock.....Chicago, Ill
C. D. Young..... "

MICRO MACHINE CO.,
Bettendorf, Ia
W. J. Baumberger, Ch. Eng. "
H. T. Becke..... "
A. Erickson..... "
H. H. Moor, Sales Eng... "
H. H. Yerk, V.-Pres. & Gen. Mgr. "

MIDDLETOWN CAR CO.,
Middletown, Pa
Pittsburgh, Pa.—Frick Bldg.
T. C. Ashenfelter, Asst. to Pres.....Pittsburgh, Pa
J. M. Hansen, Chairman. "

MIDLAND CO., So. Milwaukee, Wis.
Howard P. Cook.....Bridgeport, Conn
I. W. Davis, Mech. Eng.... } So. Milwaukee, Wis
R. A. Nourse, Pres..... }
C. P. Nourse, Sec. & Treas... "
T. E. Ward, V.-Pres..... "

MIDVALE COMPANY,
Nicetown, Philadelphia, Pa
Chicago, Ill.—332 So. Michigan Ave.
Cleveland, O.—Union Trust Bldg.
New York, N. Y.—165 Broadway.
Pittsburgh, Pa.—Union Trust Bldg.
San Francisco, Cal.—Monadnock Bldg
Washington, D. C.—Woodward Bldg.
A. C. Dinkey, Pres....Philadelphia, Pa
H. L. Frevert, V.-Pres. "
H. S. Garrett, Dist. Sales Mgr.....Pittsburgh, Pa
Stuart Hazlewood, V.-Pres.....Philadelphia, Pa
S. W. Hilt, Dist. Sales Mgr.....San Francisco, Cal
Ward A. Miller, Dist. Sales Mgr.....New York, N. Y
H. H. Moffitt, Dist. Mgr. Washington, D. C
H. E. Rowe.....Philadelphia, Pa
F. W. Sager, Dist. Sales Mgr. Chicago, Ill
W. B. Smyth, Dist. Sales Mgr. Cleveland, O
H. H. Ziesing, Asst. Sales Mgr.....Philadelphia, Pa

MILAR, CLINCH & CO.,
133 W. Washington St., Chicago, Ill
Carrington Cabell.... ....St. Louis, Mo
T. W. Callahan.....Minneapolis, Minn
Jos. A. Cameron.....Montreal, Que
Duncan L. Clinch.....Chicago, Ill
J. B. Embick.....Baltimore, Md
A. W. Gillespie.....Chicago, Ill
J. A. Kinkead.....San Francisco, Cal
W. G. Lynch.....St. Paul, Minn
Karl A. Milar.....Chicago, Ill
Tom Moore.....Norfolk, Va

MILBURN CO., THE ALEXANDER
1424 W. Baltimore St., Baltimore, Md
Birmingham, Ala.—Brown-Marx Bldg
Chicago, Ill—220 So. State St.
Los Angeles, Cal.—802 W. 11th St.
McKeesport, Pa.—201 Erie St.
Montreal, Que.—New Birks Bldg.
New York, N. Y.—809 Fifth Ave.
Philadelphia, Pa.—Bourse Bldg.
Pittsburgh, Pa.—Union Trust Bldg.
San Francisco, Cal.—565 Howard St.
E. P. Boyer..... { New York, N. Y. Philadelphia, Pa.
E. D. Bullard..... { Los Angeles, Cal San Francisco, Cal
H. Kleinhans.....Pittsburgh, Pa
J. A. Mooney.....Everett, Mass
G. D. Peters.....Montreal, Que
C. R. Pollard.....Baltimore, Md
F. G. Squire.....Chicago, Ill
J. T. Sudduth.....Birmingham, Ala
L. M. Wise.....McKeesport, Pa

MILLER HEATING CO., F. W.,
332 So. Michigan Ave., Chicago, Ill
C. D. Bowers..... "
Murillo Downer..... "
Chas. N. Egge..... "
R. McCarron..... "
F. W. Miller..... "
Earl Scribner..... "

MILLER TRAIN CONTROL CORP.,
25 So. New St., Staunton, Va
Danville, Ill.—19 W. Harrison St.
Washington, D. C.—Albee Bldg.
J. N. Garber, Pres.....Staunton, Va
W. A. Lillard.....Washington, D. C
J. R. McSherry..... "
H. B. Miller, V.-Pres.
& Gen. Mgr..... "
W. B. Murray, Ch. Eng.....Danville, Ill
Philip X. Rice, Elec. Eng... "
B. B. Sheppard.....Washington, D. C

MINER, INC., W. H.,
209 So. La Salle St., Chicago, Ill
A. E. Biddle..... "
Bradley S. Johnson..... "
Geo. A. Johnson..... "
G. Q. Lewis..... "
J. H. Link..... "
C. F. McCuen..... "
M. J. Mendez.....Mexico City, Mex
W. H. Miner.....Chicago, Ill
J. R. Mitchell..... "
W. E. Robertson..... "
R. H. Weber..... "
A. P. Withall..... "

MINWAX CO., INC.,
270 Madison Ave., New York, N. Y
Baltimore, Md.—Continental Bldg.
Chicago, Ill.—230 East Ohio St.
Cleveland, O.—The Arcade.
Detroit, Mich.—1st Natl. Bk. Bldg.
Los Angeles, Cal.—653 So. Clarence St.
Minneapolis, Minn.—Bldrs. Exch.
Philadelphia, Pa.—Schaff Bldg.
St. Louis, Mo.—214 No. 6th St.
Chas. G. Cope.....Philadelphia, Pa
W. Harding Davis.....St. Louis, Mo
C. D. Elphinstone.....Baltimore, Md
Robt. H. Gordon.....Detroit, Mich
A. B. Harrison.....New York, N. Y
A. S. Harrison.....Chicago, Ill
R. W. Harrison.....New York, N. Y
H. C. Lea.....Los Angeles, Cal
Jas. E. Marble.....New York, N. Y
J. C. Springer.....Cleveland, O
Frank P. White.....Minneapolis, Minn

MORDEN FROG & CROSSING WORKS,
208 So. La Salle St., Chicago, Ill
I. T. Hartz, Pres..... "
W. H. Hartz, Treas..... "
J. F. Karcher, Sec..... "
A. C. Smith, V.-Pres..... "

MORE-JONES BRASS & METAL CO.,
4930 Manchester Ave., St. Louis, Mo
Wm. H. Bies..... "
Joseph J. Brouk..... "
Earl Cannon..... "
Norman Chivvis..... "
S. W. Crawford..... "
A. Y. Evins.....Philadelphia, Pa
Stewart H. Ford.....Richmond, Va
Richard Gebhardt.....St. Louis, Mo
Geo. K. Gilbert..... "
W. A. Handlan..... "
M. C. M. Hatch.....Boston, Mass
R. S. Herman..... St. Louis, Mo
Roy Hessler..... "
Harry A. Kunz..... "
Benj. A. Lehman..... "
Walter W. Limecooly..... "
George Magee..... Atlanta, Ga
Allen McMahan.....St. Louis, Mo
J. A. Neuwirth..... "
Al. Range..... "
L. M. Reilly..... "
Chas. Reith..... "
Walter Schmitz..... "
A. W. Sekrit..... "
J. Andrew Strauch..... "
John B. Strauch..... "
Leslie Vahrenhold..... "
A. Vigne..... "
Chas. P. Winget..... "
Thos. H. Wright..... "

MORTON MFG. CO.,
5133 W. Lake St., Chicago, Ill
Montreal, Que.—338a St. James St.
New York, N. Y.—50 Church St.
St. Paul, Minn.—Merch. Bk. Bldg.
St. Louis, Mo.—Frisco Bldg.
San Francisco, Cal.—Monadnock Bldg.
Seattle, Wash.—Douglas Bldg.
Tacoma, Wash—1177 Dock St.
Washington, D.C.—630 Louisiana Ave.
W. C. Burdick..... Chicago, Ill
J. W. Coleman.....Montreal, Que
F. T. Crowe.....Tacoma, Wash
R. R. Gaines.....Washington, D. C
G. H. Goodell.....St. Paul, Minn
Frank N. Grigg.....Washington, D. C
F. S. Harper.....New York, N. Y
A. E. Irwin..... St. Louis, Mo
W. C. Irwin..... "
C. A. Koenig.....New York, N. Y
J. J. Matthews.....Seattle, Wash
C. D. Morton, Sec.....Chicago, Ill
H. U. Morton, Pres..... "
G. H. Ord.....New York, N. Y
A. V. Peden.....Houston, Tex
C. G. Rank..... St. Paul, Minn
Edw. S. Sullivan....San Francisco, Cal
William Wampler.....New York, N. Y

MT. VERNON CAR MFG. CO.,
Mt. Vernon, Ill
W. C. Arthurs, Pres..... "
H. H. Cust, Asst. to Pres. "
D. P. Settlemire, Sec.-
Treas..... "
L. G. Sever, Asst. to V.-Pres. "
R. K. Weber, Vice-Pres. "

MUDGE & COMPANY,
Office—80 E. Jackson Blvd., Chicago, Ill.
Factory—4425 W. 16th St., Chicago, Ill.
Boston, Mass.—84 State St.
St. Paul, Minn.—Endicott Bldg.
Washington, D. C. — Metropolitan Bk. Bldg.
J. G. Abplanalp, Sec.....Chicago, Ill
J. C. Barr, Dist. Mgr.....Boston, Mass

(*Continued on following page*).

MUDGE & COMPANY—Continued.
Clyde P. Benning, Asst. to V.-Pres.....Chicago, Ill
W. L. Currier, Serv. Eng.... "
F. DeBrun, Mech. Eng..... "
Arthur R. Fletcher..... "
Albert C. Force, V.-Pres. & Treas..... "
A. P. Grenier, Dist. Mgr..St. Paul, Minn
V. Pagett, Asst. to V.-Pres..Chicago, Ill
R. W. Payne, Dist. Mgr. Washington, D. C
L. B. Ryan, Serv. Eng.....Chicago, Ill
Robt. D. Sinclair, Pres..... "
H. C. Stenstrom, Asst. Treas. "
F. C. Whitehouse, Serv. Eng. "

MURDOCK MFG. & SUPPLY CO.,
426 Plum St., Cincinnati, O
J. C. Endebrock, Mgr.
Water Service Dept..... "

NATHAN MANUFACTURING CO.,
250 Park Ave., New York, N. Y
Chicago, Ill.—14 E. Jackson Blvd.
Jacksonville, Fla.—Bisbee Bldg.
Montreal, Que.—McGill Bldg.
San Francisco, Cal.—Hobart Bldg.
W. L. Barr.....Atlanta, Ga
Daniel Beattie.....New York, N. Y
Otto Best..... "
J. E. Brandt.....San Francisco, Cal
H. G. Cook..... "
F. C. Davern.....Buffalo, N. Y
J. T. Dohm.....Montreal, Que
S. Dolan.....Houston, Tex
C. G. Elliott..... "
J. F. Farrell.....New York, N. Y
G. J. Hatz.....Omaha, Neb
R. H. Jenkins.....Roanoke, Va
W. G. Lockwood.....Jacksonville, Fla
F. E. Marsh.....Wilmington, Del
T. J. Murphy.....Chicago, Ill
C. F. Owens.....Mexico City, Mex
W. R. Walsh.....Detroit, Mich
Richard Welsh.....Chicago, Ill

NATIONAL BOILER WASHING CO. OF ILLINOIS,
80 E. Jackson Blvd., Chicago, Ill
Thomas G. Dalton, Sales Eng. "
Fred'k A. Gale, V.-Pres. & Gen. Sales Agent..... "
J. S. Maurer, V.-Pres. & Treas. "
Spencer Otis, Pres..... "
W. C. Thatcher, Gen. Supt. Constr..... "

NATIONAL CARBON COMPANY, INC.,
117th & Madison Ave., Cleveland, O
Chicago, Ill.—551 W. Monroe St.
R. J. Cox, Serv. Eng.....Cleveland, O
W. J. Emig, Brush Eng., New York, N. Y
J. S. Gemmel, Serv. Eng..Cleveland, O
D. H. Green, Asst. Mgr.....Chicago, Ill
L. R. Griffin, Sales Eng. .....
I. T. Kelly, Sales Eng.....Cleveland, O
P. G. Pendorf, Sales Eng..New York, N. Y
A. E. Pratt, Mgr. Ry. Sales Div.....Cleveland, O
M. D. Rees, Sales Eng.....Chicago, Ill
L. M. Ritchie, Sales Eng...Cleveland, O

NATIONAL FORGE CO.,
Louisville, Ky
W. H. Bowman, Jr..... "

NATIONAL LEAD CO.,
111 Broadway, New York, N. Y
F. E. Dodge..... "
F. M. Hartley, Jr..... "
A. H. Sabin..... "

NATIONAL LOCK WASHER CO.,
Newark, N. J
Chicago, Ill.—310 So. Michigan Ave.
Cleveland, O.—Rockefeller Bldg.
Denver, Col.—1410 16th St.
Detroit, Mich.—650 Baltimore Ave., W.
Los Angeles, Cal.—Delta Bldg.
Nashville, Tenn.—Stahlman Bldg.
New York, N. Y.—50 Church St.
Portland, Ore.—1207 Sandy Blvd.
St. Louis, Mo.—Arcade Bldg.
St. Paul, Minn.—Merch. Natl. Bk. Bldg
San Francisco, Cal.—Monadnock Bldg.
F. B. Archibald, V.-Pres..New York, N. Y
A. W. Arlin.....Los Angeles, Cal
F. F. Bodler.....San Francisco, Cal
Duncan Bond.....Denver, Col
R. L. Cairncross.....Chicago, Ill
Jas. J. Crawford.....Nashville, Tenn
F. J. Gerhard.....Newark, N. J
W. R. Hillary..... "
J. Howard Horn, Gen. Sales Mgr..... "
D. Hoyt..... "
C. H. Loutrel, Pres..... "
G. La Rue Masters..... "
W. F. McKenney.....Portland, Ore
A. W. Preikschat.....Chicago, Ill
C. G. Rank.....St. Paul, Minn
W. H. Reaves.....St. Louis, Mo
W. F. Schanz.....Chicago, Ill
Stanley H. Smith.....Cleveland, O
Alvin T. Thompson.....Detroit, Mich
C. C. Washer.....Newark, N. J

NATIONAL MACHINERY CO., Tiffin, O
D. J. Crowley.....Detroit, Mich
K. L. Ernst.....Tiffin, O
E. R. Frost..... "
Chas. D. Harmon..... "
H. E. Lott..... "
F. J. Mawby.....New York, N. Y

NATIONAL MALLEABLE & STEEL CASTINGS CO.,
General Office, 10600 Quincy Ave., S. E., Cleveland, O
Chicago, Ill.—80 E. Jackson Blvd.
New York, N. Y.—17 East 42nd St.
Philadelphia, Pa.—Liberty Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—Monadnock Bldg
Washington, D. C.—Munsey Bldg.
T. W. Ashton.....Chicago, Ill
J. J. Byers.....San Francisco, Cal
W. E. Coffin.....Cleveland, O
T. H. Doyle.....Sharon, Pa
G. R. Farrell.....Philadelphia, Pa
Elmer Fathauer.....St. Louis, Mo
Charles Gaspar.....Cleveland, O
J. F. Hutson.....Washington, D. C
J. H. Jaschka.....Cleveland, O
C. H. Krakau.....Chicago, Ill
H. T. Krakau.....Cleveland, O
F. K. Le Vake..... "
W. C. Lewis.....New York, N. Y

(Continued on following page.)

NATIONAL MALLEABLE & STEEL CASTINGS CO.—Con.
G. V. Martin.....Washington, D. C
H. L. Mausk..... "
C. H. McCrea.....St. Louis, Mo
F. E. Moffett.....Chicago, Ill
Benjamin Nields, Jr...New York, N. Y
E. A. Powell.....Chicago, Ill
Geo. Rasmussen..... "
R. R. Root.....Cleveland, O
E. H. Schmidt,..... "
E. V. Sihler.....New York, N.Y
J. A. Slater.....Cleveland, O
S. L. Smith..... "
F. Snyder.....New York, N. Y
E. O. Warner.....Philadelphia, Pa
L. S. Wright.....Chicago, Ill

NATIONAL RAILWAY APPLIANCE CO
Grand Central Terminal, New York, N.Y
Boston, Mass.—Colonial Bldg.
H. T. Heath.....Chicago, Ill
B. A. Hegeman, Jr., Pres. New York, N.Y
H. A. Hegeman, V.-Pres.& Treas..... "
W. C. Peters, Mgr. Sales & Eng..... "
F. M. Richards.....Boston, Mass

NATIONAL RY. DEVICES CO.,
224 N. Desplaines St., Chicago, Ill
E. J. Gunnison..... "
Jay G. Robinson..... "

NATIONAL SAFETY APPLIANCE CO.,
57 Post St., San Francisco, Cal
Chicago, Ill.—80 E. Jackson Blvd.
J. C. Anderson.....Chicago, Ill
C. C. Anthony.....San Francisco, Cal
F. F. Bostwick, Pres.. "
S. A. Bostwick..... "
H. S. Folker..... "
E. W. Stone.....Chicago, Ill
E. C. Wilson, Eastern Mgr.. "

NATIONAL TUBE COMPANY,
Frick Bldg., Pittsburgh, Pa.
Atlanta, Ga.—Candler Bldg.
Boston, Mass.—Mass. Trust Bldg.
Chicago, Ill.—208 So. La Salle St.
Denver, Col.—1st Natl. Bk. Bldg.
Detroit, Mich.—Buhl Bldg.
Los Angeles, Cal.—E. Slauson Ave. & 2nd St.
New Orleans, La.—Maison Blanche.
New York, N. Y.—71 Broadway.
Philadelphia, Pa.—Widener Bldg.
Portland, Ore.—Selling Bldg.
St. Louis, Mo.—Liberty Central Trust Co. Bldg.
St. Paul, Minn.—Mer. Nat. Bk. Bldg.
Salt Lake City—Walker Bank Bldg.
San Francisco, Cal.—Rialto Bldg
Seattle, Wash.—4th Ave. cor. Conn.
W. S. Bitting.....Philadelphia, Pa
Edward Bray.....Seattle, Wash
E. R. Eldredge.....Portland, Ore
G. S. Garritt.....San Francisco, Cal
J. P. Guest.....Los Angeles, Cal
John J. Kennedy, Gen. Mgr. of Sales.....Pittsburgh, Pa
A. M. Lally..... "
C. V. Lally.....Detroit, Mich
Henry P. Nelson.....Atlanta, Ga
J. H. Nicholson, V.-Pres. Pittsburgh, Pa
H. O. Ramsay.....Boston, Mass
David H. Ramsbottom, Asst. Gen. Mgr. of Sales. Pittsburgh, Pa
H. S. Raymond.....Chicago, Ill
L. A. Raymond.....St. Paul, Minn
R. M. Redden.....Salt Lake City, Utah
Hugo Weidmann.....New Orleans, La
Clifton Wharton, Jr....New York, N. Y
Edward Worcester, Jr....St. Louis, Mo
F. O. Young.....Denver, Col

NATIONAL VULCANIZED FIBRE CO.,
Maryland Ave. & Beech St., Wilmington, Del
Boston, Mass.—176 Federal St.
Chicago, Ill.—2808 W. Lake St.
Cleveland, O.—National Bldg.
Denver, Col.—Colorado Bldg.
Detroit, Mich.—Kresge Bldg.
New York, N. Y.—30 Church St.
Philadelphia, Pa.—Widener Bldg.
Pittsburgh, Pa.—Oliver Bldg.
T. B. Baldridge.....Philadelphia, Pa
John Barron.....Pittsburgh, Pa
W. B. Cosgrave.....New York, N. Y
A. F. Larrabee.....Detroit, Mich
E. W. Patterson.....Chicago, Ill
R. W. Shauck.....Cleveland, O
A. P. Southworth.....Boston, Mass
F. P. Southworth.....Wilmington, Del
N. L. Zeagler.....Denver, Col

NELSON MFG. CO., B. F.,
Minneapolis, Minn
Chicago, Ill.—608 So. Dearborn St.
Washington, D. C.—Woodward Bldg.
E. H. Batchelder, Mgr. R.R. Sales.....Chicago, Ill
M. L. Caton, Gen. Mgr. Sales.....Minneapolis, Minn
H. H. Moffitt, Mgr. East. R. R. Sales....Washington, D. C

NEWPORT NEWS SHIPBUILDING & DRY DOCK CO.,
Newport News, Va
Washington, D. C.—Munsey Bldg.
A. W. Clarke.....Newport News, Va
E. I. Cornbrooks, Sales Mgr..... "
Chas. A. Ferguson.. "
H. B. Gaither..... "
E. G. Rogers..... "
J. T. Stephenson.....Washington, D. C

NEW YORK AIR BRAKE CO.,
165 Broadway, New York, N. Y.
Chicago, Ill.—122 So. Michigan Ave.
Portland, Ore—Pittock Block.
Richmond, Va.—Mutual Bldg.
St. Paul, Minn.—Builders Exch. Bldg.
G. A. Allen.....Cleveland, O
H. F. Bickel.....New York, N. Y
J. B. Brown.....Richmond, Va
W. W. Cummings.....New York, N. Y
W. J. Elliott.....Houston, Tex
H. A. Flynn.....Boston, Mass
Frank A. Geister.....Springfield, Mo
H. F. Halladay.....Watertown, N. Y
B. Hyanes.....Baltimore, Md
Geo. A. Kleifges.....Chicago, Ill

(*Continued on following page.*)

NEW YORK AIR BRAKE CO.—Continued.
C. E. Leach.....New York, N. Y
C. P. Lovell.....Chicago, Ill
N. W. Lyon.....New York, N. Y
C. B. Miles .....Omaha, Neb
L. W. Sawyer.....Chicago, Ill
J. L. Smith ... "
O. G. Trieglaff.....St. Paul, Minn
E. F. Wentworth.....New York, N. Y
H. T. Wentworth..... "
H. F. Yohn.....Portland, Ore

NEW YORK BELTING & PACKING CO.
91-93 Chambers St., New York, N. Y.
Boston, Mass.—20 East St.
Chicago, Ill.—130 West Lake St.
Denver, Col.—1635 17th St.
Philadelphia, Pa.—821-823 Arch St.
Pittsburgh, Pa.—420 First Ave.
St. Louis, Mo.—218-220 Chestnut St.
San Francisco, Cal.—519 Mission St.
Joseph Emerson.....Philadelphia, Pa
A. H. Gregory.....San Francisco, Cal
L. P. Haser.....Chicago, Ill
R. C. King.....St. Louis, Mo
O. W. Lowell.....Denver, Col
A. B. Patterson.....Pittsburgh, Pa
F. J. Pickard.....Boston, Mass
L. F. Purtill.....New York, N. Y
E. W. Thompson..... "

NICHOLS & BRO., GEO. P.,
2139 Fulton St., Chicago, Ill
Geo. P. Nichols..... "
S. F. Nichols..... "

NILES-BEMENT-POND CO.,
111 Broadway, New York, N. Y.
Birmingham, Ala—Brown-Marx Bldg
Boston, Mass.—125 Purchase St.
Chicago, Ill.—33 So. Jefferson St.
Cincinnati, O.—338 W. Fourth St.
Cleveland, O.—1433 East 12th St.
Detroit, Mich.—5936 Cass Ave.
Halifax, N. S.—Davidson Bldg.
Montreal, Can.—Drummond Bldg.
Philadelphia, Pa.—2415 Chestnut St.
Pittsburgh, Pa.—503 Liberty Ave.
Rochester, N. Y.—89 East Ave.
St. Louis, Mo.—516 North Third St.
Toronto, Ont.—C. P. R. Bldg.
Winnipeg, Man.—McArthur Bldg.
Alexander Bertram.....Montreal, Can
Henry Bertram.....Dundas, Ont
D. D. Brumbaugh.....Rochester, N. Y
Marcus Chase.....Boston, Mass
R. M. Derby.....New York, N. Y
Jno. Ferguson.....Toronto, Ont
E. H. Gates.....Cincinnati, O
W. P. Kirk.....Hartford, Conn
H. W. Kopf.....Detroit, Mich
E. L. Leeds.....New York, N. Y
Alfred Martin.....Halifax, N. S
J. L. McCartney.....Pittsburgh, Pa
W. S. McCormick.....St. Louis, Mo
G. F. Mills.....Chicago, Ill
W. R. Mullinix..... "
Boyd Nixon.....Philadelphia, Pa
W. W. Peacock.....Pittsburgh, Pa
John Philpot.....New York, N. Y
P. Renno..... "
Douglas Robb.....Winnipeg, Man
John A. Ross.....Philadelphia, Pa
D. H. Teas.....Chicago, Ill
B. A. Tozzer.....New York, N. Y
A. E. R. Turner.....Cleveland, O
N. C. Walpole.....Birmingham, Ala
H. F. Welch.....Hamilton, O
D. S. Woods.....Chicago, Ill

NORTH AMERICAN MFG. CO.,
8918 Frederick Ave., Cleveland, O
Philadelphia, Pa.—Bourse Bldg.
J. F. Whalen.....Philadelphia, Pa

NORTHWESTERN MOTOR CO.,
Eau Claire, Wis
Birmingham, Ala.—Brown-Marx Bldg
Chicago, Ill.—53 W. Jackson Blvd.
New York, N. Y.—30 Church St.
Portland, Ore.—15th & Johnson Sts.
St. Louis, Mo.—Ry. Exchange Bldg.
St. Paul, Minn.—Merchants Bk. Bldg.
San Francisco, Cal.—126 Pine St.
Washington, D. C.—1319 F St., N. W.
Walter H. Allen..... New York, N. Y
F. W. Anderson, V.-Pres. & Gen. Mgr.....Eau Claire, Wis
A. A. Culp.....Birmingham, Ala
A. J. Dunbar.....Portland, Ore
O. B. Duncan.....Chicago, Ill
G. H. Goodell.....St. Paul, Minn
W. Newton Jeffress..Washington, D. C
O. P. Musum, Treas.....Eau Claire, Wis
A. N. Nelson, Sec. & Sales Mgr..... "
W. J. Roehl.....St. Louis, Mo
R. R. Rosholt, Pres.....Eau Claire, Wis
W. H. Worden.....San Francisco, Cal

NORTON, INC., A. O.,
920 So. Michigan Ave., Chicago, Ill
Beaumont, Tex.—321 Pearl St.
Boston, Mass.—440 Brookline Ave.
Houston, Tex.—2nd Natl. Bk. Bldg.
Montreal, Can.—Phillips Place Bldg.
New York, N. Y.—Grand Cent. Term.
Philadelphia, Pa.—421 Chestnut St.
Portland, Ore.—104 First St.
St. Louis, Mo.—Chemical Bldg.
Winnipeg, Man.—1056 Arlington St.
R. D. Bates.....Chicago, Ill
G. W. Borg, Pres..... "
J. W. Cain.....Houston, Tex
E. W. Hanegan.....Chicago, Ill
J. W. Hobbs, V.-Pres.....Boston, Mass
R. H. Hyland.....Chicago, Ill
John L. Keith.....Beaumont, Tex
Wm. R. Kelly.....Boston, Mass
W. R. McHugh.....New Orleans, La
R. J. McKay, V.-Pres.....Chicago, Ill
W. H. C. Mussen.....Montreal, Can
Lorenzo Norvell.....St. Louis, Mo
W. T. O'Brien..... Portland, Ore
E. G. Powell.....Winnipeg, Man
C. H. Smith, Jr.....Chicago, Ill
H. J. Wilson.....New York, N. Y
O. L. Wright.....Philadelphia, Pa

NORTON MANUFACTURING CO.,
Memphis, Tenn
W. G. Norton, Pres..... "

NUGENT STEEL CASTINGS CO., THE
3100 So. Wood St., Chicago, Ill
L. B. Callahan.....
J. K. Dickey.....
C. C. Means.....
H. C. Osman.....
C. P. Widdicombe.....

OHIO BRASS COMPANY, Mansfield, O
Chicago, Ill.—345 S. Dearborn St.
Los Angeles, Cal.—451 E. 3d St.
New York, N. Y.—50 Church St.
Philadelphia, Pa.—Packard Bldg.
Pittsburgh, Pa.—Oliver Bldg.
San Francisco, Cal.—611 Howard St.
Toronto, Ont.—Can. Pac. Bldg.
G. A. Binder.....Chicago, Ill
L. W. Birch.....Mansfield, O
A. M. Bohnert.....San Francisco, Cal
W. P. Bovard.....Mansfield, O
E. C. Brown.....New Orleans, La
W. H. Burleson.....Kansas City, Mo
F. V. Cook.....St. Louis, Mo
G. W. Cooper.....Scranton, Pa
J. A. Crawford.....Terre Haute, Ind
R. J. Deneen.....Chicago, Ill
W. B. Fincher.....Dayton, O
N. M. Garland.....New York, N. Y
R. F. Gheen.....Los Angeles, Cal
R. C. Goss.....Philadelphia, Pa
M. R. Gowing.....Mansfield, O
W. A. Hillebrand.....
P. A. Hinds.....Toronto, Ont
J. L. Hogan.....New York, N. Y
H. H. Hoxie.....San Francisco, Cal
O. M. Hullinger.....New York, N. Y
F. E. Johnson.....Chicago, Ill
T. B. Jones.....Dallas, Tex
L. M. Keating.....El Paso, Tex
H. W. Kikenny.....Pittsburgh, Pa
O. A. Lawrie.....Boston, Mass
M. W. Manz.....Mansfield, O
Marshall McCormick, Jr...
Dean McLaughlin.....Detroit, Mich
J. C. Merritt.....Montreal, Que
H. C. Parker.....Toronto, Ont
W. H. Peterson.....Minneapolis, Minn
G. F. Roach.....Mansfield, O
H. R. Sampson.....Chicago, Ill
J. B. Sebring.....New York, N. Y
F. F. Seeburger.....Denver, Col
Nathan Shute.....Philadelphia, Pa
W. J. Stanton.....New York, N. Y
F. A. Strail.....Baldwinsville, N. Y
C. H. Tomlinson.....Mansfield, O
J. S. Veatch.....Denver, Col
J. H. Walker.....Cleveland, O
P. L. Warren.....Chicago, Ill
J. W. Watkins.....Seattle, Wash
Wm. F. Whiteside.....Richmond, Va
G. E. Willis.....Atlanta, Ga
L. A. Wilson.....New York, N. Y

OHIO ELECTRIC & CONTROLLER CO.,
5900 Maurice Ave., Cleveland, O
Birmingham Ala.—Brown-Marx Bldg.
Boston, Mass.—398 Newbury St.
Chicago, Ill.—53 W. Jackson Blvd.
Cincinnati, O.—1st Natl. Bk. Bldg.
Detroit, Mich.—Penobscot Bldg.
Los Angeles, Cal.—324 No. San Pedro St
Minneapolis, Minn.—1008 Marquette Ave.
New York, N. Y.—233 Broadway.
Philadelphia, Pa.—Schaff Bldg.
Pittsburgh, Pa.—Union Trust Bldg.
St. Louis, Mo.—Bk. Commerce Bldg.
San Francisco, Cal.—274 Brannan St.
Syracuse, N. Y.—406 So. Franklin St.
G. H. Armstrong.....Cincinnati, O
R. E. Bock.....Chicago, Ill
K. I. Clisby.....New York, N. Y
Claude H. Cooper.....Houghton, Mich
P. H. Diver.....Cleveland, O
Ralph Geeseka.....Minneapolis, Minn
G. R. Horne.....Detroit, Mich
J. B. Howard.....Boston, Mass
C. P. Leibold.....Birmingham, Ala
A. S. Lindstrom.....San Francisco, Cal
L. O. Morrow.....Philadelphia, Pa
C. J. Mundo.....Pittsburgh, Pa
J. W. Ogden.....Syracuse, N. Y
H. A. Saunders.....Cleveland, O
L. J. Smith.....Los Angeles, Cal
D. O. Stewart.....St. Louis, Mo

OHIO INJECTOR CO.,
53 W. Jackson Blvd., Chicago, Il
N. M. Barker.....
A. C. Beckwith, Asst. M. E..
Geo. M. Dickson, Sec.....
F. W. Edwards, M. E.....
F. B. Farnsworth.....
Wm. S. Furry, Pres.....
W. H. Malone.....
C. G. Sauerberg.....

OKADEE COMPANY,
14 E. Jackson Blvd., Chicago, Ill
Geo. P. Dirth, Mech. Expert.
W. H. Heckman, V.-Pres.....
A. G. Hollingshead, Pres...
G. E. Johnson, Asst. Sec....
F. J. Kearney, Mech. Expert.
J. S. Lemley, V.-Pres.....
Chas. R. Long, Jr., V.-Pres. Louisville, Ky
J. M. Monroe, V.-Pres.....Chicago, Ill
C. W. Ploen, Mech. Eng.....
S. W. Russell, V.-Pres....Louisville, Ky
E. V. Trost, Treas.....Chicago, Ill
G. S. Turner, V.-Pres.....
F. G. Zimmerman, V.-Pres. & Sec.....

OKONITE CO., Passaic, N. J
Atlanta, Ga.—Candler Bldg.
Birmingham, Ala.—Brown-Marx Bldg
Chicago, Ill.—310 So. Michigan Ave.
Los Angeles, Cal.—Stock Exch. Bldg.
New York, N. Y.—501 Fifth Ave.
Pittsburgh, Pa.—1st Nat'l Bank Bldg.
St. Louis, Mo.—Frisco Bldg.
San Francisco, Cal.—Monadnock Bldg
Seattle, Wash.—Hoge Bldg.
R. N. Baker.....Chicago, Ill
I. W. Forda.....San Francisco, Cal
Chas. E. Brown.....Chicago, Ill
Chas. E. Brown, Jr.....
G. N. Brown.....Atlanta, Ga
H. Durant Cheever.....New York, N. Y
F. W. Cooper.....Montreal, Que
Edward A. Damrau.....Pittsburgh, Pa
Sidney D. Gridley.....New York, N. Y
J. W. Hackett.....
H. A. Hamilton.....
Shaw H. Hardy.....Birmingham, Ala
W. Hendrey.....Seattle, Wash
Emmett Jones.....Los Angeles, Cal

(Continued on following page.)

OKONITE CO.—Continued.
F. Cazenove Jones.....Passaic, N.J
R. V. Jones.....San Francisco, Cal
J. H. Larmonth.....Montreal, Que
L. R. Mann.....St. Louis, Mo
Lewis G. Martin.....Passaic, N. J
A. L. McNeill.....Chicago, Ill
E. H. McNeill..... "
Charles A. Miller.....New York, N. Y
Chas. Neudorffer.....Passaic, N. J
J. J. O'Brien.....Chicago Ill
Jno. L. Phillips.....San Francisco, Cal
H. E. Stoy.....Atlanta, Ga
E. A. Thornwell..... "
J. Delmar Underhill.....Passaic, N.J
W. K. Vanderpoel.....New York, N. Y
W. R. Van Steenburgh.. "
E. C. Westcott.....Los Angeles, Cal
Francis J. White.....New York, N. Y

OLD DOMINION IRON & STEEL WKS., Belle Isle, Richmond, Va
H. R. Wayt, V.-P. & G.M. "
T. S. Wheelwright, Pres. "

OLDHAM & SON CO., GEORGE, Baltimore, Md.
Buffalo, N. Y.—Andrews Bldg.
Chicago, Ill.—332 So. Michigan Ave.
Cleveland, O.—Bulkley Bldg.
Detroit, Mich.—222 W. Larned St.
New York, N. Y.—1 Pershing Sq.
Philadelphia, Pa.—Com'l Trust Bldg.
Pittsburgh, Pa.—Union Trust Bldg.
St. Louis, Mo.—915 Olive St.
H. J. Bannister.....Chicago, Ill
J. T. Biles.....Philadelphia, Pa
P. J. Christy..... "
John E. Ebberts.....Cleveland, O
F. W. Gaw.....Pittsburgh, Pa
C. H. Lyle.....Chicago, Ill
Geo. J. Lynch..... New York, N.
R. W. Nelson.....Baltimore, Md
N. A. Pelham..... Buffalo, N. Y
J. R. L. Santos.....Baltimore, Md
J. M. Shea.....St. Louis, Mo
E. H. Welker.....Detroit, Mich
H. B. Wilson.....St. Louis, Mo
C. E. Wortham.....Baltimore, Md

O'MALLEY CO., M. J.,
J. M. Sullivan, Treas..Springfield, Mass

OSTER MANUFACTURING CO., 2057 E. 61st Place, Cleveland, O
Chicago, Ill.—11 So. La Salle St.
Los Angeles, Cal.—848 Santee St.
Philadelphia, Pa.—1522 W. Sargent St.
R. S. Acord.....New York, N. Y
R. Chelstrom.....Boston, Mass
J. B. Felton.....Minneapolis, Minn
A. S. Gould.....Cleveland, O
F. H. Hansen.....Los Angeles, Cal
G. L. Jones.....Cleveland, O
C. W. Metcalf.....Chicago, Ill
H. W. Oster.....Philadelphia, Pa
A. J. Summa.....Pittsburgh, Pa
J. W. Wells..... Dallas, Tex
P. E. Willis..... Cleveland, O

OXWELD RAILROAD SERVICE CO., 80 E. Jackson Blvd., Chicago, Ill
New York, N. Y.—30 East 42nd St.
St. Paul, Minn.—Merch. Nat. Bk. Bldg.
M. C. Beymer, Sec.....Chicago, Ill
R. R. Browning, Pres...New York, N. Y
E. M. Collins.....Chicago, Ill
G. M. Crownover, Gen. Supt. "
F. C. Hasse..... "
O. D. Hays, Sr.....St. Louis, Mo
W. A. Hogan.....Chicago, Ill
Wm. Jones..... "
P. J. Kalman.....St. Paul, Minn
Wm. Leighton.....Chicago, Ill
H. H. Linton.....New York, N. Y
A. N. Lucas.....Chicago, Ill
C. M. Mendenhall.....New York, N. Y
C. B. Moore, V.-Pres..... Chicago, Ill
E. S. Richardson..... "
L. C. Ryan..... "
H. W. Schulze..... "
F. K. Shults.....New York, N. Y
J. G. Tawse.....Chicago, Ill
George Thompson....Los Angeles, Cal
G. B. Walker, V.-Pres...New York, N.Y
A. W. Whiteford..... "

P. & M. CO., THE 80 E. Jackson Blvd., Chicago, Ill
Boston Mass.—53 Oliver St.
Denver, Col.—Equitable Bldg.
Montreal, P. Q.—McGill Bldg.
New York, N.Y.—250 Park Ave.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—Arcade Bldg.
San Francisco, Cal.—Crocker Bldg.
Washington, D. C.—Metrop. Bk. Bldg.
Fred. N. Baylies.....New York N. Y
Thos. J. Byrne..... "
S. M. Clancey.....Chicago, Ill
E. A. Coppak..... "
Gordon W. Dunn.....Montreal, P. Q
J. M. Fairbairn.....Chicago, Ill
John J. Gallagher..... "
D. T. Hallberg..... "
P. H. Hamilton.....New York, N. Y
R. D. Hawley.....San Francisco, Cal
Geo. E. Johnson.....Chicago, Ill
J. C. Kirby.....Cincinnati, O
Geo. A. Macpherson.....St. Paul, Minn
J. E. Mahoney.....Chicago, Ill
Wm. A. Maxwell....San Francisco, Cal
Philip W. Moore.....Chicago, Ill
Geo. E. Olson..... "
Ralph W. Payne.....Washington, D. C
C. O. Poor.....Montreal, P.Q
Fred A. Poor.....Chicago, Ill
Fred. A. Preston..... "
W. H. Reaves.....St. Louis, Mo
M. K. Ruppert.....Chicago, Ill
C. H. Sherburne.....Boston, Mass
Cecil Stevens.....Richmond, Va
L. S. Walker.....New York, N. Y
Frank C. Webb.....Denver, Col
Gilbert E. Webster.....St. Louis, Mo

PAGE STEEL & WIRE CO., 929 Connecticut Ave., Bridgeport, Conn
Chicago, Ill.—208 So. La Salle St.
New York, N.Y.—Grand Central Term.
Pittsburgh, Pa.—Union Trust Bldg
Portland, Ore.—535 Yamhill St.
San Francisco, Cal.—Pacific Bldg.
Seattle, Wash.—1815 13th Ave.
R. H. Atkinson.....San Francisco, Cal
W. A. Berner.....Chicago, Ill

(*Continued on following page.*)

PAGE STEEL & WIRE CO.—Continued.
K. B. Bleecker.....Chicago, Ill
W. H. Bleecker, Jr.....New York, N. Y
S. B. Cairns.....Pittsburgh, Pa
E. C. Dershem.....Bridgeport, Conn
J. J. Flaherty..... "
E. J. Flood.....Chicago, Ill
Eugene Franklin.....New York, N. Y
E. O. Johnstone.....San Francisco, Cal
W. T. Kyle.....Bridgeport, Conn
M. H. Mayne.....Portland, Ore
C. W. Moody.....Seattle, Wash
A. P. Van Schaick,
Gen. Mgr. Sales.....Bridgeport, Conn
J. J. Walsh.....New York, N. Y

PAIGE & JONES CHEMICAL CO.,
461 Fourth Ave., New York, N. Y
Baltimore Md.—43 So. Gay St.
Boston, Mass.—148 Pearl St.
Chicago, Ill.—417 So. Dearborn St.
Denver, Colo.—928 So. Williams St.
Detroit, Mich.—Book Bldg.
Hammond, Ind.—80 Marble St.
Los Angeles, Cal.—Grant Bldg.
Philadelphia, Pa.—Chestnut Bldg.
Pittsburgh, Pa.—Bakewell Bldg.
San Francisco, Cal.—700 Second Ave.
Seattle, Wash.—70 Marion St.
Vancouver, B.C.—Yorkshire Bldg.
Wm. M. Bailey.....Pittsburgh, Pa
C. J. Balthazar.....Los Angeles, Cal
H. A. Brinsley.....Ft. Wayne, Ind
F. J. Burkley, Asst. Treas. New York, N. Y
A. O. Coppess.....Minneapolis, Minn
G. W. Eveland.....Columbus, O
C. R. Everett.....New York, N. Y
R. E. Falkinburg.....St. Louis, Mo
C. B. Flint, V.-Pres.....New York, N. Y
A. C. Ford.....Chicago, Ill
R. O. Friend, V.-Pres....Hammond, Ind
L. A. Fritze, V.-Pres..... "
John Greb.....New York, N. Y
Frank Groves.....Philadelphia, Pa
G. L. Hanover.....Marion, O
L. C. Ireland.....Chicago, Ill
L. Kjerulff.....Kansas City, Mo
Ralph A. Levy.....New York, N. Y
I. S. Marx.....Chicago, Ill
W. L. Marx..... "
J. M. McDonald..... "
M. J. McLaughlin.....New York, N. Y
J. Hanson Mitchell.....Baltimore, Md
J. A. Montgomery.....Denver, Colo
C. R. Moore.....Cleveland, O
R. M. Moore.....Wichita, Kan
E. Morrison.....Chicago, Ill
W. E. Mushet.....San Francisco, Cal
Fred O. Paige, Sr., Pres., New York, N. Y
Fred O. Paige, Jr., Sec.. Hammond, Ind
E. M. Partridge, Ch. Chem.,
R. L. Patterson.....New York, N. Y
M. C. Robinson.....Los Angeles, Cal
Thos. Skinner.....Vancouver, B. C
G. M. Thompson.....Seattle, Wash
W. L. Toohey.....Detroit, Mich
H. G. Vaughan.....Los Angeles, Cal
H. K. Vaughan.....San Francisco, Cal
E. Weise.....Boston, Mass
H. B. White.....Detroit, Mich

PARKESBURG IRON CO.,
Parkesburg, Pa.
Boston, Mass.—141 Milk St.
Chicago, Ill.—343 So. Dearborn St.
Cleveland, O.—Rockefeller Bldg.
New York, N. Y.—30 Church St.
Philadelphia, Pa.—Com'l Trust Bldg.
St. Louis, Mo.—Security Bldg.
St. Paul, Minn.—Merchants Bk. Bldg.
San Francisco, Cal.—Rialto Bldg.
W. H. S. Bateman.....Philadelphia, Pa
G. A. Cardwell.....Parkesburg, Pa
G. W. Denyven.....Boston, Mass
D. W. Glanzer.....Cleveland, O
G. H. Goodell.....St. Paul, Minn
J. A. Kinkead.....San Francisco, Cal
H. J. Linn.....Boston, Mass
L. P. Mercer.....Chicago, Ill
J. G. Miller.....St. Louis, Mo
C. G. Rank.....St. Paul, Minn
R. J. Sheridan.....New York, N. Y
G. Thomas, 3rd. Gen.
Mgr. Sales.....Parkesburg, Pa
J. R. Wetherald.....Philadelphia, Pa
J. F. Wiese.....Chicago, Ill

PARSONS CO., Newton, Ia
Wm. S. Miller, Mgr. R. R.
Equip. Dept..... "

PATTERSON-SARGENT CO.,
1325 East 38th St., Cleveland, O
Boston, Mass.—14 Commercial Wharf.
Chicago, Ill.—1872 Seward St.
New York, N. Y.—30 Church St.
St. Louis, Mo.—Ry. Exchange Bldg.
G. W. Anderson.....Chicago, Ill
D. B. Dennis.....New York, N. Y
W. W. Huntley.....Richmond, Va
H. H. Kahrs..... .....St. Louis, Mo
G. W. Lindholm.....Chicago, Ill
W. H. McBride, Mgr.....Cleveland, O
L. J. McCombs.....Boston, Mass
H. V. McKedy.....New York, N. Y
J. N. Moore..... "
K. H. Moyers.....New Orleans, La
Ben Patterson, Jr.....New York, N. Y
J. K. Patterson.....Cleveland, O

PAXTON-MITCHELL COMPANY,
27th & Martha Sts., Omaha, Nebr.
Knoxville, Tenn.—General Bldg.
J. J. Kellher, Mech. Expert.. } Omaha,
L. J. McConnell, Asst. Sales Mgr } Neb.
Wm. Miller, Mech. Expert..... "
H. J. Molloy, Mech. Expert..... "
J. A. Murrian, Mech. Expert.....Knoxville, Tenn
J. H. Murrian, Mech. Expert..... "
W. S. Murrian..... "
F. J. Myers, Mech. Expert, Omaha, Nebr
James L. Paxton, Pres.. "
P. A. Pounds, Sec. & Treas. "
V. O. Todd, Asst. Sec. & Asst. Treas..... "

PECK, STOW & WILCOX CO.,
Southington, Conn
L. Broemel..... "
W. O. Seifert..... "

PEDRICK TOOL & MACHINE CO.,
3640 N. Lawrence St., Philadelphia, Pa
Albert D. Pedrick..... "
Howard A. Pedrick.... "

PEERLESS MACHINE CO.,
1218-16th St., Racine, Wis
New York, N. Y.—54 Park Pl.
A. H. Goetz, Dist. Sales Mgr. Racine, Wis
I. M. Ward.....New York, N. Y

PENN IRON & STEEL CO.,
See Jos. T. Ryerson & Son.

PENNSYLVANIA PUMP & COMPRESSOR CO., Easton, Pa
Atlanta, Ga.—Bona Allen Bldg.
Boston, Mass.—110 High St.
Chattanooga, Tenn.—208 Market St.
Chicago, Ill.—343 So. Dearborn St.
Cleveland, O.—Leader-News Bldg.
Columbus, O.—Atlas Bldg.
Denver, Col.—17th & Blake Sts.
Detroit, Mich.—Gen. Motors Bldg.
Greenville, S. C.—Masonic Temple.
Houston, Tex.—615 Washington Ave.
Los Angeles, Cal.—465 East 3rd St.
Louisville, Ky.—115 W. Market St.
Memphis, Tenn.—63 So. 3rd St.
Milwaukee, Wis.—610 Sycamore St.
New Haven, Conn.—193 Mansfield St.
New Orleans, La.—522 Camp St.
New York, N. Y.—136 Liberty St.
Oklahoma City, Okla.—Liberty Nat. Bk. Bldg.
Philadelphia, Pa.—Penfield Bldg.
Richmond, Va.—10th & Carey Sts.
Rochester, N. Y.—Commerce Bldg.
St. Louis, Mo.—1956 No. Broadway.
St. Paul, Minn.—Merchants Bk. Bldg.
Scranton, Pa.—Connell Bldg.

W. E. Anderson.....Easton, Pa
J. A. Beaubien.....New York, N. Y
L. D. Burke.....New Haven, Conn
E. G. Burnley.....Oklahoma City, Okla
R. W. Cargo.....Denver, Col
J. B. Corby.....St. Louis, Mo
W. E. Culbertson.....Scranton, Pa
L. R. Fedler.....Milwaukee, Wis
W. P. Ferguson.....Chattanooga, Tenn
H. J. Gebhardt.....Chicago, Ill
G. S. Githens.... .....Boston, Mass
B. R. Hoshall.....Memphis, Tenn
J. S. Kilner.....Detroit, Mich
Wm. S. Krauth.....Louisville, Ky
C. A. Leavens.....Houston, Tex
W. C. Lynch.....St. Paul, Minn
W. A. Marvin.....Los Angeles, Cal
D. F. Miller.....Columbus, O
R. H. Mills.....Detroit, Mich
H. P. Rodgers.....Cleveland, O
A. U. Smith.....Dallas, Tex
E. F. Stauss.....New Orleans, La
R. L. Stone.....Rochester, N. Y
C. E. A. Thompson....Philadelphia, Pa
J. W. Vaughan, Jr.... .Greenville, S. C
H. T. Wagener.....Richmond, Va
J. R. Whitman.....Atlanta, Ga

PETTIBONE MULLIKEN CO.,
140 So. Dearborn St., Chicago, Ill
C. H. Eib..... "
A. P. Marwick..... .... "
A. H. Mulliken..... "
John H. Mulliken..... "
M. B. Myers..... "
G. J. Slibeck..... "
F. E. Smith..... "

PETTINOS, GEORGE F.,
1206 Locust St., Philadelphia, Pa
Erie, Pa.—Commerce Bldg.
Pittsburgh, Pa.—Farmers Bk. Bldg.
Watertown, Mass.—11 Patten St.
J. R. Cooney.....Watertown, Mass
M. J. Fitzgerald.....Pittsburgh, Pa
J. H. Hatten.....Philadelphia, Pa
Weaver H. Rogers.....Pittsburgh, Pa
E. G. Stratton.....Erie, Pa
T. H. Walker.....Philadelphia, Pa
D. S. Yeomans.....East Orange, N. J

PILLIOD CO.,
30 Church St., New York, N. Y
Chicago, Ill.—80 E. Jackson Blvd.
A. D. Baker.....Swanton, O
W. H. Bellmaine.....Chicago, Ill
J. H. Cooper..... "
J. J. Donovan.....Philadelphia, Pa
Frank Fisher.....Chicago, Ill
H. D. Gates..... Dunkirk, N. Y
A. E. Graves.....Schenectady, N. Y
Wm. Hoffmann.....Richmond, Va
H. A. Kibby.....Cleveland, O
Wm. McGee.....Philadelphia, Pa
B. W. Mudge.....Chicago, Ill
F. E. Pilliod.....Swanton, O
J. D. Purdy..... "
F. Sanders..... "
Harry B. Snyder.....New York, N. Y
R. H. Weatherly..... "

PILOT PACKING CO., INC.,
General Office—122 So. Michigan Ave.
Chicago, Ill.
Works—Sea Cliff, N. Y.
New York, N. Y.—1 Water St.
W. W. Bacon.....Toledo, O
D. Boyle.....San Francisco, Cal
R. W. Crawford, Sec....New York, N. Y
C. S. FitzGibbon, Treas.. "
H. S. FitzGibbon, Pres.. "
A. T. Herr.....Denver, Col
W. P. Mars.....Duluth, Minn
Joseph Sinkler, Gen. Mgr..Chicago, Ill
Robt. N. Sinkler..... "
J. I. Taylor, V.-Pres....New York, N. Y

PISTON RING CO., Muskegon, Mich
E. W. Cadman..... "

PITTSBURGH PLATE GLASS CO.
(Paint & Varnish Division.)
213 Lake St., Milwaukee, Wis
Chicago, Ill.—451 St. Clair St.
Cincinnati, O.—B'way & Court St.
Cleveland, O.—3849 Hamilton Ave.
Detroit, Mich.—Greenwood & Holden Ave.
Houston, Tex.—Crawford & Commerce Sts.

(*Continued on following page.*)

PITTSBURGH PLATE GLASS CO.—Continued.
Minneapolis, Minn.—500 So. 3rd St.
Newark, N. J.—Ft. Chester Ave.
New York, N. Y.—16 East 40th St.
Portland, Ore.—184 Second St.
St. Louis, Mo.—Syndicate Trust Bldg.
San Francisco, Cal.—985 Mission St.
H. Brand.....Minneapolis, Minn
A. W. Fields.....St. Louis, Mo
Lee Hinkelman.....San Francisco, Cal
J. Kroha.....Detroit, Mich
J. E. Leonard.....New York, N. Y
F. McEvoy.....Cincinnati, O
J. G. Mowry.....New York, N. Y
A. Nelson.....Cleveland, O
J. J. Shannon.....Portland, Ore
Wm. Stevenson.....Newark, N. J
L. F. Theurer.....Chicago, Ill
P. B. Truslow.....Houston, Tex

PITTSBURGH SPRING & STEEL CO.,
Farmers Bank Bldg., Pittsburgh, Pa
Chicago, Ill.—343 So. Dearborn St.
New York, N. Y.—Grand Cent. Term.
Washington, D.C.—Union Trust Bldg
J. N. Brownrigg, V.-Pres. & Eastern Rep..... } New York, N. Y.
A. Gordon Jones..... Washington, D.C
S. F. Krauth, V.-Pres. & Treas. } Pittsburgh, Pa
H. A. Noble, Pres..... }
M. F. Ryan, V.-Pres. & Western Rep.....Chicago, Ill

PITTSBURGH STEEL COMPANY,
Union Trust Bldg., Pittsburgh, Pa
Chicago, Ill.—310 So. Michigan Ave.
Dallas, Tex.—Central Bank Bldg.
Memphis, Tenn.—Exchange Bldg.
New York, N. Y.—120 Broadway.
San Francisco, Cal.—Monadnock Bldg
H. F. Hanks, Mgr. Wire Fence Dept.....Pittsburgh, Pa
J. F. Hazen, Gen. Mgr. Sales..... "
M. E. Johnson, Asst. Gen. Mgr. Sales.....New York, N. Y
G. W. Jones, Asst. Gen. Mgr. Sales.....Pittsburgh, Pa
C. E. Kendall.....Chicago, Ill
D. F. Mann..... "
A. C. Rulofson.....San Francisco, Cal
E. W. Watson..... Memphis, Tenn
H. B. Webster.....Dallas, Tex

PITTSBURGH STEEL FOUNDRY CORP., Glassport, Pa
Boston, Mass.—Garden Bldg.
Philadelphia.—Real Est. Trust Bldg.
Richmond, Va.—Mutual Bldg.
Washington, D.C.—McLachlen Bldg.
John Allison..... Glassport, Pa
J. R. Forney.....Washington, D. C
J. A. Flynn.....Glassport, Pa
C. W. Howat..... "
Mark S James..... "
J. F. Leonard.....Richmond, Va
G. T. Paraschos.....Boston, Mass
H. V. Seth.....Philadelphia, Pa

PITTSBURGH STEEL PRODUCTS CO.,
Union Trust Bldg., Pittsburgh, Pa.
Chicago, Ill.—310 So. Michigan Ave.
Detroit, Mich.—General Motors Bldg.
New York, N. Y.—120 Broadway.
Richmond, Va.—Mutual Bldg.
J. D. Brandon.....Chicago, Ill
J. R. Edwards.....Pittsburgh, Pa
F. J. Flanagan.....New York, N. Y
Richard R. Harris, Gen. Mgr. Sales.....Pittsburgh, Pa
B. T. Jellison.....Richmond, Va
Morris London.....Detroit, Mich
Chas. F. Palmer.....Chicago, Ill
C. H. Van Allen..... "
J. A. Voelker.....New York, N. Y

PITTSBURGH TESTING LABORATORY
Stevenson & Locust Sts.—Pittsburgh Pa.
Birmingham, Ala.—Clark Bldg.
Buffalo, N. Y.—Ellicott Sq. Bldg.
Chicago, Ill.—37 Van Buren St.
Cleveland, O.—National Bldg.
Dallas, Tex.—Santa Fe Bldg.
Detroit, Mich.—Lightner Bldg.
New York, N. Y.—30 Church St.
Philadelphia, Pa.—Otis Bldg.
H. W. Bates.....New York, N. Y
O. H. Berger.....Birmingham, Ala
C. W. Dambrun.....Detroit, Mich
A. R. Ellis, Gen. Mgr.....Pittsburgh, Pa
F. V. Green, V.-Pres.....New York, N. Y
G. S. Hallenbeck.....Buffalo, N. Y
T. F. Hindman.....Cleveland, O
N. C. Hoyles.....Pittsburgh, Pa
J. Milliken, Pres..... "
M. Payne.....Dallas, Tex
F. S. Robbins.....Philadelphia, Pa
H. M. Wey.....Chicago, Ill

PNEUMATIC GATE CO.,
1921-33 S. Fairfield Ave., Chicago, Ill.
William P. Elliott..... "

POSITIVE LOCK WASHER CO.,
Ave. A & Miller St., Newark, N. J.
San Francisco, Cal.—160 Beale St.
D. W. Beckwith.....Newark, N. J
Bruce L. de Nourie..... "
F. H. Hopkins.....Montreal, Que
E. H. Johnson.....Newark, N. J
Elmer E. Ross..... "
E. W. Schurr..... "
C. E. Shepherd..... "
Geo. W. Sutton.....Richmond, Va
H. L. Van Winkle.....San Francisco, Cal

POSITIVE RAIL ANCHOR CO.,
Marion, Ind.
Chicago, Ill.—80 E. Jackson Blvd.
New York, N. Y.—30 Church St.
L. C. Ferguson.....Marion, Ind
R. J. Sheridan.....New York, N. Y
A. H. Told, Gen. Mgr..... } Marion, Ind
} Chicago, Ill

PRATT & CADY CO. DIVISION,
See Reading Steel Casting Co.

PRATT & LETCHWORTH CO.,
189 Tonawanda St., Buffalo, N. Y
J. C. Bradley..... "
J. H. Bradley..... "
A. M. Edwards..... "
J. E. Tompkins..... "
J. P. Williams..... "

PRATT & WHITNEY CO.,
Hartford, Conn
Birmingham, Ala.—2015 First Ave.
Boston, Mass.—125 Purchase St.
Chicago, Ill.—33 So. Jefferson St.
Cincinnati, O.—338 W. 4th St.
Cleveland, O.—730 Superior Ave., N.W.
Detroit, Mich.—5936 Cass Ave.
Los Angeles, Cal.—454 E. 3d St.
New York, N. Y.—111 Broadway.
Philadelphia, Pa.—405 Chestnut St.
Pittsburgh, Pa.—503 Liberty Ave.
Rochester, N. Y.—552 East Main St.
St. Louis, Mo.—516 No. 3d St.
San Francisco, Cal.—917 Howard St.
D. D. Brumbaugh.....Rochester, N. Y
Marcus Chase.....Boston, Mass
E. H. Gates.....Cincinnati, O
J. H. Haquette.....San Francisco, Cal
H. G. Hill.....Los Angeles, Cal
W. P. Kirk.....Hartford, Conn
H. W. Kopf.....Detroit, Mich
E. L. Leeds.....New York, N. Y
J. L. McCartney.....Pittsburgh, Pa
W. S. McCormick.....St. Louis, Mo
W. H. Miller.....Hartford, Conn
Boyd Nixon.....Philadelphia, Pa
B. A. Tozzer.....New York, N. Y
A. E. R. Turner.....Cleveland, O
N. C. Walpole.....Birmingham, Ala
D. S. Woods.....Chicago, Ill

PRESSED STEEL CAR CO.,
Farmers Bank Bldg., Pittsburgh, Pa
Chicago, Ill.—134 So. LaSalle St.
New York, N. Y.—55 Broad St.
St. Paul, Minn.—Merchants Bank Bldg
M. C. Blest.....Pittsburgh, Pa
C. C. Clark..... "
F. H. Freshwater..... "
H. H. Gilbert.....Chicago, Ill
H. S. Hammond.....New York, N. Y
H. P. Hoffstot.....Pittsburgh, Pa
C. H. Jackman.....Chicago, Ill
F. L. Johnson..... "
J. F. MacEnulty.....New York, N. Y
G. A. Macpherson.....St. Paul, Minn
C. P. Mapp.....Chicago, Ill
J. G. Morrissey.....New York, N. Y
C. E. Postlethwaite..... "
N. S. Reeder..... "
J. H. Regan.....Chicago, Ill
F. O. Schramm.....New York, N. Y
J. S. Turner..... "
W. H. Wilkinson..... "
C. W. Wrenshall.....Pittsburgh, Pa

PREST-O-LITE CO., INC.,
Indianapolis, Ind
Chicago, Ill.—551 W. Monroe St.
Cleveland, O.—117th & Madison Ave.
R. J. Cox, Serv. Eng.....Cleveland, O
W. J. Emig, Brush Eng. New York, N. Y
J. S. Gemmel, Serv. Eng..Cleveland, O
D. H. Green, Asst. Mgr.....Chicago, Ill
L. R. Griffin, Sales Eng..... "
R. J. Hoffman, V.-Pres. Indianapolis, Ind
I. T. Kelly, Sales Eng.....Cleveland, O
P. G. Pendorf, Sales Eng New York, N. Y
A. E. Pratt, Mgr. Ry. Sales Div.....Cleveland, O
M. D. Rees, Sales Eng.....Chicago, Ill
L. M. Ritchie, Sales Eng...Cleveland, O

PRIME MANUFACTURING CO.,
653 Clinton St., Milwaukee, Wis
D. T. Allen, V.-Pres..... "
C. A. Dunn, Sales Mgr.. "
D. A. Lucas, Wks. Mgr.
O. L. Prime, Pres..... "
H. G. Wild, Sec. & Treas. "

PROTECTUS PAINT CO.,
No. American Bldg..Philadelphia, Pa
Richmond, Va.—B'dway Natl. Bk. Bldg.
W. C. De Armond.....Philadelphia, Pa
Peyton Fleming..... .....Richmond, Va

PRUETT-SCHAFFER CHEMICAL CO.,
Pittsburgh, Pa
F. B. Ashley, Mgr. Ry. Sales. "
A. A. Bartlett.....Cleveland, O
P. C. Cost.....Pittsburgh, Pa
L. A. Custard.....Chicago, Ill
B. L. Long.....Pittsburgh, Pa
P. D. Martin, Mgr. Ind. Sales "
R. A. Martin..... "
E. R. Moss, Treas..... "
A. B. Pruett, Pres..... "
A. I. Pruett, Supt..... "
E. H. Schaffer, V.-Pres..... "
J. L. Schwarzenbach..... "
L. M. Vincent.....Dallas, Tex
Wm. Vogt.....Pittsburgh, Pa
J. C. Weidell..... "

PULLMAN CAR & MFG. CORP.,
79 E. Adams St., Chicago, Ill
New York, N. Y.—25 Broadway.
Champ Carry.....Chicago, Ill
T. L. Glass..... "
T. P. Gorter.....New York, N. Y
Hale Holden, Jr.....Chicago, Ill
John Y. Sloan.....New York, N. Y

PYLE-NATIONAL CO.,
1334 No. Kostner Ave., Chicago, Ill
J. M. Albert..... "
A. Allan.....Montreal, Can
J. A. Amos, V.-Pres.....Chicago, Ill
J. V. Baker..... "
W. T. Bretherton..... "
Herbert G. Cook....San Francisco, Cal
C. S. Geis.....New York, N. Y
Geo. E. Haas.....Chicago, Ill
W. H. Haas..... "
E. H. Hagensick.....St. Paul, Minn
N. J. Holden.....Montreal, Can
W. L. Jefferies.....Richmond, Va
A. E. Johnson.....Chicago, Ill
J. Will Johnson, Sr. V.-Pres. "
J. J. Kennedy, Elec. Eng.. "
N. S. Kenney .....Baltimore, Md
F. Kersten.....Chicago, Ill
R. L. Kilker..... "
Roger Lucy..... "
A. N. Martin, Pur. Agt..... "
Crawford P. McGinnis, V.-Pres.....New York, N. Y
T. P. McGinnis.....Chicago, Ill
Wm. Miller, Vice-Pres..... "
J. L. Reese.....New York, N. Y
Walter Smith.....Chicago, Ill
L. H. Steger..... "
C. T. Tewkesbury..... "
V. G. R. Vickers.....Montreal, Can
L. H. Vilas, Gen. Mgr.....Chicago, Ill
R. C. Vilas, Pres..... "

(Continued on following page.)

PYLE-NATIONAL CO.,—Continued.
D. R. Warfield.....Philadelphia, Pa
Philip S. Westcott.....Chicago, Ill
H. Withington, Sec..... "
O. W. Young..... "

Q & C CO.,
90 West Street, New York, N. Y.
Chicago, Ill.—122 So. Michigan Ave.
St. Louis, Mo.—Railway Exch. Bldg.
San Francisco, Cal.—C.Spreckels Bldg
L. T. Burwell.....New York, N.Y
H. T. Henry..... "
M. Iseldyke..... "
F. F. Kister ..... "
R. J. McComb.....Chicago, Ill
Latham McMullin...San Francisco, Cal
E. R. Packer.....New York, N. Y
Charles F. Quincy..... "
Godwin Shenton..... "
Edgar M. Smith..... "
J. L. Terry.....St. Louis, Mo
Lewis Thomas.....Chicago, Ill
E. C. Zimmerman .....New York, N. Y

QUAKER CITY RUBBER CO.,
Wissinoming, Philadelphia, Pa
Atlanta, Ga—349 Myrtle St.
Chicago, Ill.—217 W. Huron St.
Dallas, Tex.—707 Elm St.
New York, N. Y.—53 Murray St.
Pittsburgh, Pa.—30 E. Lacock St., N.S.
San Francisco, Cal.—168 Second St.
C. Disosway.....Dallas, Tex
C. H. Gayetty.....Philadelphia, Pa
R. C. Houck.....Pittsburgh, Pa
J. J. Hughes.....Atlanta, Ga
G. C. Johnson.....Chicago, Ill
J. T. Moore.....San Francisco, Cal
P. H. Potts.....New York, N. Y

RAIL JOINT CO.,
165 Broadway, New York, N. Y.
Boston, Mass.—84 State St.
Chicago, Ill.—80 E. Jackson Blvd.
Denver, Col.—728 17th St.
Montreal, Can.—211 McGill St.
Philadelphia, Pa.—15th & Chestnut Sts
St. Louis, Mo.—319 Fourth St.
San Francisco, Cal.—74 New Motgomery St.
Washington, D. C.—613 15th St., N.W.
V. C. Armstrong, Pres. New York, N. Y
J. C. Barr.....Boston, Mass
Alex. Chapman.....Chicago, Ill
E. A. Condit, Jr., V.-Pres. New York, N.Y
W. E. Gadd.....Philadelphia, Pa
J. A. Greer.....San Francisco, Cal
C. B. Griffin..... .....Chicago, Ill
H. C. Hickey..... "
Chas. Jenkinson.....Washington, D. C
J. H. Larmonth.....Montreal, Can
G. H. Larson..... .....Chicago, Ill
M. Markley.....Philadelphia, Pa
J. N. Meade.....Denver, Col
J. G. Miller.....St. Louis, Mo
R. W. Payne.....Washington, D C
Thos. Ryan..... .....Chicago, Ill
E. F. Schermerhorn, Sales Eng.....New York, N.Y
R. R. Seward..... "
F. C. Stowell.....Boston, Mass
McLeod Thomson.....Philadelphia, Pa
W. P. Thomson, V.-Pres. New York, N.Y

RAILROAD SUPPLY CO.,
203 So. Dearborn St., Chicago, Ill
Denver, Col.—Equitable Bldg.
Houston, Tex.—Union Nat. Bk. Bldg.
Kansas City, Mo.—Finance Bldg.
New York—30 Church St.
St. Louis, Mo.—Arcade Bldg.
St. Paul, Minn.—Zenith Bldg.
San Francisco, Cal.—Crocker Bldg.
E. H. Bell, Pres.....Chicago, Ill
R. E. Bell.....St. Louis, Mo
W. S. Boyce.....Chicago, Ill
W. G. Brand..... "
H. M. Buck, V.-Pres....New York, N. Y
Verne Coates.....Denver, Col
Theo. H. Cole.....Chicago, Ill
Geo. T. Cook.....Kansas City, Mo
C. G. Elliott.....Houston, Tex
M. J. Fox, Sig. Eng.....Chicago, Ill
R. D. Hawley.....San Francisco, Cal
John Hensel.....Chicago, Ill
Robt. P. Klink.....New York, N. Y
P. W. Kohnen, Sec.....Chicago, Ill
Samuel Miskelly..... "
A. H. Smith..... "
Arthur H. Smith.....New York, N. Y
G. T. Willard.....Chicago, Ill
J. C. Willson.....St. Paul, Minn

RAILWAY DEVICES CO.,
705 Olive St., St. Louis, Mo
Sterling Campbell, V.-Pres. "
Louis A. Hoerr, Pres..... "
R. L. Langtim, M. S..... "

RAILWAY MATERIALS CO.,
Old Colony Bldg., Chicago, Ill
Cleveland, O.—Scofield Bldg.
New York, N. Y.—149 Broadway.
E. C. Folsom.....Cleveland, O
F. S. Hebden.....Chicago, Ill
Miles E. Johnson.....Toledo, O
C. M. Mendenhall.....New York, N. Y
T. B. Pollard.....Stevens Point, Wis
C. B. Potter.....Chicago, Ill
John H. Romann... ..... "
W. M. Simpson..... "

RAILWAY STEEL-SPRING CO.,
30 Church St., New York, N. Y
Chicago, Ill.—122 So. Michigan Ave.
Dallas, Tex.—Praetorian Bldg.
Denver, Col.—U. S. Nat. Bk. Bldg.
Louisville, Ky.—Starks Bldg.
Norfolk, Va.—Nat'l Bank of Commerce Bldg.
St. Louis, Mo.—915 Olive St.
St. Paul, Minn.—Merchants Bk. Bldg.
San Francisco, Cal.—Hobart Bldg.
Geo. M. Burns.....St. Louis, Mo
T. C. Coleman.....Louisville, Ky
Herbert G. Cooke...San Francisco, Cal
F. F. Fitzpatrick, Pres..New York, N. Y
F. J. Foley, V.-Pres..... "
J. W. Harty.....Detroit, Mich
A. S. Henry, V.-Pres....New York, N. Y
A. T. Herr.....Denver, Col
W. D. Jenkins.....Dallas, Tex
H. C. Macklin.....Norfolk, Va
E. McCormick, V.-Pres..New York, N. Y
Hunter Michaels .....Chicago, Ill
N. C. Naylor..... "
C. R. Ould..... .....New York, N. Y

(Continued on following page.)

RAILWAY STEEL-SPRING CO.—Continued.
B. W. Parsons.....St. Paul, Minn
L. S. Peabody.....New York, N. Y
G. B. Powell.....St. Louis, Mo
C. K. Shreve, Asst. Sec. New York, N. Y
A. W. Sullivan.....Pittsburgh, Pa

RAILWAY UTILITY CO.,
151 W. 22d St., Chicago, Ill
Denver, Col.—Barth Bldg.
Montreal, Can.—275 Craig St., West.
New York, N. Y.—1328 Broadway.
St. Louis, Mo.—Ry. Exchange Bldg.
St. Paul, Minn.—Pioneer Bldg.
Geo. H. Chadwell.....St. Louis, Mo
J. H. Denton.....New York, N. Y
R. R. Holden.....Chicago, Ill
B. C. Hooper.....St. Paul, Minn
E. J. Magerstadt, Pres.....Chicago, Ill
F. S. McNamara.....Denver, Col
O. W. Meissner.....Montreal, Can
Wm. J. Pine, V.-Pres.....Chicago, Ill

RALSTON STEEL CAR CO.,
Columbus, O
J. J. Frank, Pur. Agt..... "
B. C. Hanna, Ch. Eng. & Asst. to Pres..... "
F. A. Livingston, V.-Pres.... "
C. O. Rea..... "
F. E. Symons, Pres..... "

RAMAPO AJAX CORPORATION,
Hillburn, N. Y.
Boston, Mass.—683 Atlantic Ave.
Chicago, Ill.—2503 Blue Island Ave.
Houston, Tex.—So. Pacific Bldg.
Los Angeles, Cal.—1334 East 6th St.
New York, N. Y.—30 Church St.
Washington, D. C.—Metro. Bk. Bldg.
T. E. Akers, V.-Pres..Niagara Falls, N. Y
W. Bender, V.-Pres.....Chicago, Ill
Geo. A. Carlson..... "
G. M. Cooper.....Hillburn, N. Y
J. V. Cowling, V.-Pres. { McCormick Bldg Chicago, Ill.
J. E. Davidson, V.-Pres..Hillburn, N. Y
R. J. Davidson, Treas.... "
R. J. Davidson, Jr., Asst. to Pres.....New York, N. Y
S. Dolan.....Houston, Tex
H. J. Elliot.....E. St. Louis, Ill
W. H. Elliot, V.-Pres.... "
C. G. Elliott.....Houston, Tex
D. Fairback, V.-Pres....E. St. Louis, Ill
W. J. Fairback, V.-Pres ...Pueblo, Col
A. F. Hess.....E. St. Louis, Ill
Darcy F. Hilton.....Niagara Falls, N. Y
P. Hoffman, V.-Pres.....Chicago, Ill
J. V. Houston..... "
E. L. Janes.....Boston, Mass
W. C. Kidd.....Hillburn, N. Y
R. W. Payne.....Washington, D. C
W. A. Peddle .....Superior, Wis
Geo. W. Price.....New York, N. Y
H. W. Renick.....Los Angeles, Cal
Jas. B. Strong, Pres....New York, N. Y

RAWLS MACHINE & MFG. CO.,
1412 No. Halsted St., Chicago, Ill
Winnipeg, Man.—Notre Dame Bldg.
F. X. Amoss.....Winnipeg, Man
D. F. Coyle..... "
W. C. Irwin.....St. Louis, Mo
J. Kranz.....Chicago, Ill
E. R. Paulson..... "
S. E. Rawls..... "

READE MANUFACTURING CO.,
135 Hoboken Ave., Jersey City, N. J.
Chicago, Ill.—88 So. Dearborn St.
A. W. Barnard.....Jersey City, N. J
E. E. Prarie..... "
R. W. Pritchard, Western Mgr.....Chicago, Ill
C. H. Reade, V.-Pres. & Gen. Mgr.....Jersey City, N. J
L. J. Reade, Sec. & Treas. "
C. M. Seely, Wks. Mgr. "

READING IRON CO.,
Baer Bldg., Reading, Pa
Atlanta, Ga.—Bona Allen Bldg.
Baltimore, Md.—Continental Bldg.
Boston, Mass.—161 Devonshire St.
Buffalo, N. Y.—Prudential Bldg.
Chicago, Ill.—Conway Bldg.
Cincinnati, O.—Hulbert Block.
Dallas, Tex.—Magnolia Bldg.
Detroit, Mich.—Majestic Bldg.
Houston, Tex.—505 Washington Ave.
Los Angeles, Cal.—Van Nuys Bldg.
New York, N. Y.—99 John St.
Philadelphia, Pa.—Drexel Bldg.
Pittsburgh, Pa.—1st Natl. Bk. Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
Seattle, Wash.—Central Bldg.
Tulsa, Okla.—2228 East 18th St.
J. K. Almer.....New York, N. Y
Thos. Barclay..... "
H. S. Bard..... "
H. S. Carland..... "
Donald Charlton.....Reading, Pa
J. G. Cottle.....Chicago, Ill
A. M. Cullum.....Reading, Pa
F. W. Deppe.....St. Louis, Mo
W. E. Detlor.....Dallas, Tex
Wm. H. Devin.....Boston, Mass
J. P. Feagley.....New York, N. Y
R. O. Fischer.....Chicago, Ill
R. I. Fretz.....Reading, Pa
T. D. Graham.....Cleveland, O
R. A. Griffin.....Chicago, Ill
E. P. Hannig.....Buffalo, N. Y
J. F. Heil.....Los Angeles, Cal
W. F. Hoff.....Detroit, Mich
Wyman Howells.....Pittsburgh, Pa
C. L. Jones.....St. Louis, Mo
A. R. Kinsler.....Philadelphia, Pa
C. E. Koch.....Reading, Pa
A. F. McClintock.....Los Angeles, Cal
L. J. Melson.....Atlanta, Ga
Chas. Neblett.....Cincinnati, O
F. C. Neupert.....Seattle, Wash
R. D. Oberwetter.....Houston, Tex
N. R. Putnam.....Tulsa, Okla
J. G. Ross.....Boston, Mass
W. H. L. Smythe.....Chicago, Ill
J. H. Somerville.....Philadelphia, Pa
S. P. Tarbox.....Shreveport, La
R. L. M. Taylor.....Reading, Pa
R. M. Thomas.....Chicago, Ill
R. J. Titley.....Dallas, Tex
E. L. Tompkins.....Los Angeles, Cal
W. J. White.....Baltimore, Md

READING STEEL CASTING CO., INC.,
General Offices—Bridgeport, Conn.
Boston, Mass—35 Hartford St.
Chicago, Ill.—208 So. La Salle St.
Cleveland, O.—1597 St. Clair St.
Detroit, Mich.—252 Jefferson Ave., W.
Hartford, Conn.—556 Capitol Ave.
Houston, Tex.—Union Nat'l Bk. Bldg.
New York, N. Y.—63 Greene St.
Philadelphia, Pa.—147 No. 7th St.
Pittsburgh, Pa.—3d Ave. & Ross St.
Reading, Pa.—Tulpehocken St.
Rochester, N. Y.—Wilder Bldg.
St. Louis, Mo.—Arcade Bldg.
St. Paul, Minn.—425 Pillsbury Ave.
San Francisco, Cal.—198 Second St.
Tulsa, Okla.—8 No. Cheyenne St.
J. P. Ferguson, Sales Eng., Bridgeport,
W. E. Foster, sales Eng.. " Conn.
R. T. Hatch, Gen. Mgr. Sales.. "
J. L. James.....Reading, Pa
J. B. Patterson, Dist. Sales Mgr..... "
R. Quinby..... "

Pratt & Cady Co. Division.

Reading Valve & Fittings Co. Division.
H. A. Boynton.....Hartford, Conn
R. W. Brooker.....Cleveland, O
W. E. Brown.....Boston, Mass
J. A. Bynum.....Houston, Tex
W. F. Carley.....Pittsburgh, Pa
W. N. Case.....New York, N. Y
W. D. Cashin.....Boston, Mass
A. R. Chapman.....San Francisco, Cal
M. L. Chase.....St. Louis, Mo
John Drawbar.....Boston, Mass
H. H. Freund, Jr.....Philadelphia, Pa
Geo. J. Heifrich.....Chicago, Ill
Harry Howland..... "
L. Kennedy.....Tulsa, Okla
C. C. Kissick.....Philadelphia, Pa
Kay Lemmer.....Pittsburgh, Pa
E. C. Magens.....New York, N. Y
W. McCausland.....Pittsburgh, Pa
C. R. Mendelson.....San Francisco, Cal
E. C. Miller.....Detroit, Mich
C. H. Molitor.....Chicago, Ill
Louis Sixt.....Cleveland, O
J. F. Smith.....Rochester, N. Y
S. S. Spencer.....St. Paul, Minn
A. W. Taggart.....Chicago, Ill
A. E. Tomlinson.....Cleveland, O
Wm. Wagner.....New York, N. Y
C. C. Ward.....Pittsburgh, Pa
J. H. Webster.....Detroit, Mich

RELIANCE MFG. CO., Massillon, O.
Baltimore, Md.—Munsey Bldg.
Chicago, Ill.—122 So. Michigan Ave.
Cleveland, O.—Hippodrome Bldg.
Detroit, Mich.—650 Baltimore-W.
Minneapolis, Minn.—422 So. 5th St.
Montreal, Que.—McGill Bldg.
New York, N. Y.—258 Broadway.
St. Louis, Mo.—Fullerton Bldg.
San Francisco, Cal.—Wells Fargo Bldg
F. W. Cooper.....Montreal, Que
E. D. Cowlin.....New York, N. Y
W. H. Crawford, Sec. & Treas.....Massillon, O
G. E. Geer.....Minneapolis, Minn
E. C. Gross.....Chicago, Ill
H. R. Hanna.....Detroit, Mich
E. W. Hart, V.-Pres..... Massillon, O
N. S. Kenny.....Baltimore, Md
H. P. McCormick.....Cleveland, O
H. J. McGinn, Sales Mgr...Massillon, O
F. C. McLain, Pres..... "
A. C. Rule.....St. Louis, Mo
Robt. Shireman..... .Chicago, Ill
J. J. Wirtner..... ..San Francisco, Cal

REMINGTON TYPEWRITER CO.,
374 Broadway, New York, N. Y
Atlanta, Ga.—58 Luckie St.
Chicago, Ill.—220 So. State St.
Cincinnati, O.—18 W. 7th St.
Los Angeles, Cal.—420 So. Spring St.
C. E. Burns.....New York, N. Y
H. W. Buse.....Philadelphia, Pa
L. J. Geiger.....Cincinnati, O
J. E. McKerracher.....Atlanta, Ga
H. J. Pollock.....Chicago, Ill
A. T. Rose.....New York, N. Y
H. J. Stewart.....Los Angeles, Cal

REPUBLIC IRON & STEEL CO.,
Republic Bldg., Youngstown, O
Birmingham, Ala.—Woodward Bldg.
Boston, Mass.—Mass. Trust Bldg.
Buffalo, N. Y.—White Bldg.
Chicago, Ill.—332 So. Michigan Ave.
Cincinnati, O.—1st Nat. Bank Bldg.
Cleveland, O.—Hanna Bldg.
Dallas, Tex.—Wilson Bldg
Denver, Col.—Patterson Bldg.
Detroit, Mich.—Buhl Bldg.
New Orleans, La.—635 Common St.
New York, N. Y.—17 Battery Place.
Philadelphia, Pa.—Packard Bldg.
Pittsburgh, Pa.—Oliver Bldg.
St. Louis, Mo.—Fed. Reserve Bk. Bldg.
San Francisco, Cal.—Rialto Bldg.
Wm. Anderson.....Dallas, Tex
E. M. Barnes.....Birmingham, Ala
A. G. Brown .....San Francisco, Cal
W. E. Collier.....Cleveland, O
H. W. Craig.....Chicago, Ill
N. W. Foy.....Boston, Mass
W. W. Hall.....Youngstown, O
Allan Hills.....Buffalo, N. Y
C. T. Johnston.....Pittsburgh, Pa
M. E. McKee..... .....Cincinnati, O
C. S. McKinley.....Philadelphia, Pa
E. C. McSheehy .....Denver, Col
W. H. Oliver.....New York, N. Y
C. S. Powers.....Detroit, Mich
C. G. Schott.....St. Louis, Mo
W. B. Topping.....Youngstown, O
A. E. Walker..... "
F. M. Welsh.....Pittsburgh, Pa
A. S. White.....New Orleans, La

RICHARDS-WILCOX MFG. CO.,
Aurora, Ill
Boston, Mass.—124 Pearl St.
Chicago, Ill.—166 W. Lake St.
Cincinnati, O.—Provident Bk. Bldg.
Cleveland, O.—Hippodrome Annex.
Detroit, Mich.—Donovan Bldg.
Indianapolis, Ind.—139 N. Meridian St.
Kansas City, Mo.—Reliance Bldg.
Los Angeles, Cal.—Hibernian Bldg.
Minneapolis, Minn.—Plymouth Bldg.
New Orleans, La.—Hibernia Bk. Bldg.
New York, N. Y.—85 Walker St.
Omaha, Neb.—City Nat'l Bk. Bldg.
Philadelphia, Pa.—507 Arch St.

(*Continued on following page.*)

RICHARDS-WILCOX MFG. CO.—Continued.
St. Louis, Mo.—2006 Locust St.
San Francisco, Cal.—625 Market St.
Seattle, Wash.—Hoge Bldg.
G. W. Baker.....Kansas City, Mo
E. F. Brumbaum, Mgr....Detroit, Mich
H. R. Butler.....New York, N. Y
J. Calhoun.....St. Louis, Mo
W. J. Cook.....New York, N. Y
F. J. Daugherty, Mgr.....Omaha, Neb
R. J. Duncanson.....New York, N. Y
J. W. Edwards.....Boston, Mass
A. J. Eggleston, Mgr.....Chicago, Ill
H. E. Emmerson, Mgr. San Francisco, Cal
A. S. Fuller.....St. Louis, Mo
Wm. Guay.....Chicago, Ill
A. J. Hoffman.....New York, N. Y
W. H. Hottenstein....Philadelphia, Pa
F. E. Hutchins, Mgr....New York, N. Y
W. D. Jameson, Mgr..Philadelphia, Pa
A. S. Jansson.....New York, N. Y
W. V. Kinsley.....Indianapolis, Ind
A. J. Lafleur.....Aurora, Ill
F. E. Laughlin.....New York, N. Y
H. A. Leonard, Mgr.....Boston, Mass
L. S. Lewis, Mgr.....Los Angeles, Cal
Stanley J. Lewis.....Omaha, Neb
C. S. Long.....Los Angeles, Cal
W. W. O'Brien.....Philadelphia, Pa
T. G. Perry.....New Orleans, La
C. C. Riemenschneider.....Chicago, Ill
A. J. Rosentreter.....New York, N. Y
C. M. Rust.....Kansas City, Mo
E. B. Seidel, Mgr.....St. Louis, Mo
J. P. Shallow, Mgr.....Seattle, Wash
E. A. Smith, Mgr.....Cleveland, O
H. G. Starks, Mgr.....Kansas City, Mo
L. D. Starks.....Minneapolis, Minn
L. S. Starks, Mgr.....
Theo. Starks.....
A. H. Tax.....Chicago, Ill
A. W. Thurow.....Aurora, Ill
F. H. Wente.....Cincinnati, O
W. C. Wente.....New Orleans, La
W. L. Wente, Mgr.....Cincinnati, O
C. E. White, Mgr.....Indianapolis, Ind
R. White.....Cleveland, O
J. H. Wise.....Chicago, Ill
Ray Wise.....Detroit, Mich
Edgar Zabriskie.....New York, N. Y
W. J. Zimmerman....Philadelphia, Pa

RIVET CUTTING GUN CO.,
116 East 3rd St., Cincinnati, O
Boston, Mass.—Essex Bldg.
Chicago, Ill.—53 W. Jackson Blvd.
Cleveland, O.—1946 Woodward Ave.
Denver, Col.—Barth Bldg.
Detroit, Mich.—536 Shelby St.
Houston, Tex.—20 National Bk. Bldg
Louisville, Ky.—Starks Bldg.
New York, N. Y.—52 Vanderbilt Ave.
Ottawa, Ont.—376 Sparks St.
Philadelphia, Pa.—Bourse Bldg.
Pittsburgh, Pa.—Oliver Bldg.
Richmond, Va.—Amer. Natl. Bk. Bldg
St. Louis, Mo.—1956 No. Broadway.
St. Paul, Minn.—Zenith Bldg.
Winnipeg, Can.—McIntyre Block.
Frank A. Barbey.....Boston, Mass
Jos. A. Cameron.....Winnipeg, Can
D. W. Clark.....St. Louis, Mo
J. B. Corby.....
J. M. Crowe.....Cincinnati, O
L. K. DeBus.....Cincinnati, O
C. E. Fuller, Jr.....Denver, Col
G. B. Greene.....Ottawa, Ont
W. J. Hill.....Winnipeg, Can
C. Humphrey.....Detroit, Mich
Robt. D. Lewis.....St. Paul, Minn
Frank J. May.....Houston, Tex
F. W. Moore.....Winnipeg, Can
G. B. Nicol.....Ottawa, Ont
B. J. Parks, Jr.....Chicago, Ill
W. J. Rainling.....St. Louis, Mo
Maxwell W. Scott.....Pittsburgh, Pa
Malcolm S. Simpson.....Louisville, Ky
J. E. Stenger.....Cleveland, O
Jas. E. Stewart.....Richmond, Va
J. Mills Summers.....New York, N. Y
J. F. Whalen.....Philadelphia, Pa
R. L. White.....Chicago, Ill
Jas. C. Willson.....St. Paul, Minn

ROBERTSON & CO., WILLIAM
20 W. Jackson Blvd., Chicago, Ill
William Robertson.....

ROBERTSON CO., H. H.,
1st National Bank Bldg., Pittsburgh, Pa
Baltimore, Md.—Lexington Bldg.
Birmingham, Ala.—Brown Marx Bldg
Boston, Mass.—45 Bromfield St.
Buffalo, N. Y.—Jackson Bldg.
Chicago, Ill.—Straus Bldg.
Cleveland, O.—Marshall Bldg.
Houston, Tex.—Keystone Bldg.
New York, N. Y.—475 Fifth Ave.
Philadelphia, Pa.—R. E. Trust Bldg.
St. Louis, Mo.—Shell Bldg.
San Francisco, Cal.—639 Howard St.
F. C. Anderson.....Philadelphia, Pa
R. B. Archer.....Houston, Tex
G. B. Card.....Buffalo, N. Y
W. R. Frazier.....Pittsburgh, Pa
H. F. Hackedorn, Jr.....Cleveland, O
H. M. Holway.....San Francisco, Cal
D. W. Jasper.....Chicago, Ill
H. I. Johnson.....Boston, Mass
T. B. Johnson.....St. Louis, Mo
J. R. Nichols.....Birmingham, Ala
D. W. Robertson.....New York, N. Y
W. W. Rupp.....Baltimore, Md
J. R. Sexton, Mgr. Ry. Sales..Chicago, Ill

ROCKWELL-BARNES CO.,
823 So. Wabash Ave., Chicago, Ill
St. Louis, Mo.—422 So. Commercial St.
L. C. Blakeslee.....St. Louis, Mo
A. K. Saisman, Pres.....Chicago, Ill

ROEBLING'S SONS CO., JOHN A.,
612 S. Broad St., Trenton, N. J.
Atlanta, Ga.—85 Avon Ave.
Boston, Mass.—93 Pearl St.
Chicago, Ill.—165 W. Lake St.
Cleveland, O.—701 St. Clair Ave., N. E.
Los Angeles, Cal.—216 S. Alameda St.
New York, N. Y.—83 Liberty St.
Philadelphia, Pa.—223 Arch St.
Pittsburgh, Pa.—Sandusky & Robinson Sts., N. S.
Portland, Ore.—14th & Lovejoy Sts.
San Francisco, Cal.—624 Folsom St.
Seattle, Wash.—900 First Ave. So.
J. H. Blanchard.....Chicago, Ill
W. P. Bowman.....New York, N. Y
J. N. Colkitt.....Los Angeles, Cal
C. C. Cooley, Gen. Sales Agt. Trenton, N. J

(Continued on following page.)

ROEBLING'S SONS CO., JOHN A.—Continued.
W. E. Frick.....Pittsburgh, Pa
G. Abeel Hall.....Boston, Mass
F. W. Hammond....San Francisco, Cal
R. R. Newell.....Cleveland, O
W. F. Richardson.....Seattle, Wash
G. W. Walker.....Portland, Ore
H. A. Wason.....Atlanta, Ga
R. W. Welch.....Philadelphia, Pa

ROGERS CO., H. A.,
SUCCEEDED BY
Jenkins Bros.
(MONCRIEFF-ROGERS DIVISION.)
80 White St., New York, N. Y.
Boston, Mass.—524 Atlantic Ave.
Chicago, Ill.—646 Washington Blvd.
Philadelphia, Pa.—133 N. 7th St.
C. C. Anderson.....Chicago, Ill
C. W. Carlson.....New York, N. Y
Alfred Engle..... "
S. R. Funk.....Philadelphia, Pa
Geo. W. L. Gardner....New York, N. Y
J. E. Hodgkins.....Boston, Mass
H. W. Jackson.....Chicago, Ill
J. A. LaDue.....New York, N. Y
A. C. Langston..... "
W. G. LeCompte..... "
B. J. Neely.....Chicago, Ill
Geo. Royal..... "
L. H. Serre.....Boston, Mass
Wm. A. Tucker.....New York, N. Y
Anthony D. Weber.....Boston, Mass
B. R. Wofford.....New York, N. Y
C. B. Yardley, Jr..... "

ROME IRON MILLS, INC., Rome, N. Y
New York, N. Y.—17 East 42d St.
San Francisco, Cal.—Monadnock Bldg
Geo. R. Boyce.....Chicago, Ill
B. A. Clements, V.-Pres..New York, N. Y
Geo. W. Denyven.....Boston, Mass
C. G. Elliott.....Houston, Tex
Louis M. Henoch....San Francisco, Cal
Wm. L. Jefferies, Jr.....Richmond, Va.

RUBBERSET COMPANY,
56 Ferry St., Newark, N. J
A. J. Dunfee, Mgr. R. R. Dept. "

RUBEROID COMPANY,
95 Madison Ave., New York, N. Y
Chicago, Ill.—616 So. Michigan Blvd.
Chas. H. McCormick.....Chicago, Ill
W. S. Noble.....New York N. Y

RUSSELL, BURDSALL & WARD BOLT & NUT CO.,
Port Chester, N. Y
Chicago, Ill.—310 So. Michigan Ave.
S. N. Comly.....Chicago, Ill
W. S. Comly, Mgr. Sales. } Port Chester,
R. B. M. Cook..... } N. Y.
W. B. Cook..... "
P. J. Durr.....Detroit, Mich
A. J. Fairfield.....Port Chester, N Y
F. E. Fike, West. Sales Mgr. Chicago, Ill
H. A. Shedd.....Port Chester, N. Y

RUSSELL CAR & SNOW PLOW CO.,
Ridgway, Pa
Chicago, Ill.—122 So. Michigan Ave.
New York, N. Y.—110 East 42nd St.
Wm. C. Bamber.....New York, N. Y
John M. Flynn.....Ridgway, Pa
B. E. Hurlbut.....Chicago, Ill
H. E. Oesterreich.....New York, N. Y

RYERSON & SON, INC., JOSEPH T.
General Offices & Warehouses, 16th & Rockwell Sts., Chicago, Ill.
City Office, 230 So. Clark St.
Buffalo, N. Y.—Bailey Ave. & Stanley St
Cincinnati, O.—Front & Freeman Sts.
Denver, Col.—Ideal Bldg.
Detroit, Mich.—1600 E. Euclid Ave.
Houston, Tex.—Union Nat. Bk. Bldg.
Milwaukee, Wis.—19th & So. Canal.
Minneapolis, Minn.—Plymouth Bldg.
New York, N. Y.—30 Church St.
St. Louis, Mo.—2208 N. Second St.
San Francisco, Cal.—750 Folsom St.
Tulsa, Okla.—Atlas Life Bldg.
A. C. Allshul.....Buffalo, N. Y
W. H. Basse.....Detroit, Mich
C. V. Benjamin.....New York, N. Y
F. A. Brandes.....Cleveland, O
W. T. Branson.....Tulsa, Okla
W. S. Campbell.....New York, N. Y
E. N. Carlson.....St. Louis, Mo
F. J. Clark.....Chicago, Ill
A. H. Counts.....St. Louis, Mo
E. L. Critchlow.....Detroit, Mich
Wm. H. Currier.....Louisville, Ky
V. H. Dieterich.....Chicago, Ill
T. W. Delanty..... "
F. S. Doran..... "
W. H. Dunham..... "
M. C. Fidgeon.....New York, N. Y
C. A. Gallauer, Jr.....Milwaukee, Wis
Henry Gilg.....Pittsburgh, Pa
C. R. Gregg.....Chicago, Ill
F. S. Grosse..... "
H. R. Heneage.....New York, N. Y
F. C. Irvine.....Denver, Col
H. C. Kelsey.....Buffalo, N. Y
J. A. Leahy.....Chicago, Ill
D. MacArthur..... "
D. S. Mair.....Houston, Tex
R. S. Mars.....Duluth, Minn
W. A. Mitchell.....Chicago, Ill
G. G. Moody..... "
J. P. Moses, Mgr. R.R. Sales. "
A. M. Mueller..... "
L. R. Nourie.....Pittsburgh, Pa
R. C. Page.....Chicago, Ill
B. W. Parsons.....St. Paul, Minn
E. S. Pike.....Chicago, Ill
J. Pomerane.....
H. B. Ressler.....St. Louis, Mo
D. M. Ryerson, V.-Pres.....Chicago, Ill
E. L. Ryerson, Jr., V.-Pres. "
J. T. Ryerson, Pres..... "
A. P. Schumann..... "
W. H. Sherwin.....Minneapolis, Minn
G. L. Shinkle.....Chicago, Ill
L. E. Skinner.....Cincinnati, O
P. F. Smith.....San Francisco, Cal
F. E. Von Behren.....Chicago, Ill
A. W. Willcuts.....St. Louis, Mo
H. C. Willis.....New York, N. Y
R. B. Wilson.....St. Louis, Mo
E. L. Younts.....Chicago, Ill

SAFETY CAR HEAT'G & LIGHT'G CO.,
2 Rector St., New York, N. Y
Boston, Mass.—Little Bldg.
Chicago, Ill.—310 So. Michigan Ave.
Montreal, Can.—Drummond Bldg.
Philadelphia, Pa.—Comm. Trust Bldg
(*Continued on following page.*)

SAFETY CAR HEATING & LIGHTING CO.—Cont'd.
St. Louis, Mo.—Cent. Nat. Bank Bldg.
San Francisco, Cal.—Hobart Bldg.
C. A. Chasey.....St. Louis, Mo
H. W. Davies.....Philadelphia, Pa
H. D Donnell.....San Francisco, Cal
W. L. Garland.....Philadelphia, Pa
A. P Hagar.....New York, N Y
R. H. Harvey.....Montreal, Can
J. S. Henry.....New York, N. Y
S. I. Hopkins.....St. Louis, Mo
Geo. D. Ladd.....Chicago, Ill
Manuel J. Mendez.....Mexico, D. F
A. B. Mills.....Boston, Mass
C. A. Pinyerd.....Chicago, Ill
J. H. Rodger..... "
G. H. Scott..... "
C. W. T. Stuart.....Philadelphia, Pa
R. C. Veale.....New York, N. Y
H. K. Williams..... "

ST. LOUIS FROG & SWITCH CO.,
6500 Easton Ave., St. Louis, Mo
Chicago, Ill.—332 So. Michigan Ave.
Dallas, Tex.—Praetorian Bldg.
Denver, Col.—Boston Bldg.
Houston, Tex.—2d National Bk. Bldg.
Salt Lake City, Utah—Kearns Bldg.
Washington, D. C.—Munsey Bldg.
E. C. Afflerbach.....Houston, Tex
E. C. Argust, Engineer.... St. Louis, Mo
Lewis O. Cameron... Washington, D. C
Alfred Connor.....Denver, Col
R. J. Cooper.....Salt Lake City, Utah
R. E. Einstein, Gen. Mgr...St. Louis, Mo
D. J. Higgins.....Chicago, Ill
W. D. Jenkins.....Dallas, Tex
John J. Lichter, Pres.....St. Louis, Mo

ST. LOUIS TRUCK & MFG. CO.,
3200 N. Hall St., St. Louis, Mo
F. G. Koehler, Pres..... "

SARGENT CO.,
625 Jackson Blvd., Chicago, Ill
Geo. H. Sargent..... "
Louis L. Schultz..... "

SCAIFE & SONS CO., WM. B.,
Oakmont, Pa
Chicago, Ill.—38 So. Dearborn St.
New York, N. Y.—26 Cortlandt St.
C. H. Frey, Sales Mgr ....Oakmont, Pa
H. L. Oberlin, Traf. Mgr.. "
C. F. O'Hagan.....Chicago, Ill
H. F. Reynolds.....New York, N. Y
A. M Scaife, V.-Pres.....Oakmont, Pa
J. V. Scaife, Pres..... "

SCHAEFER EQUIPMENT CO.,
Gen. Office, Oliver Bldg., Pittsburgh, Pa.
Boston, Mass.—683 Atlantic Ave.
Denver, Col.—Barth Bldg.
Chicago, Ill.—122 So. Michigan Ave.
Houston, Tex.—2d Natl. Bk. Bldg.
Montreal, Que.—Transportation Bldg
Richmond, Va.—Mutual Bldg.
Roanoke, Va.—1st Natl. Bk. Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—Hobart Bldg.
F. A. Barbey.....Boston, Mass
H. G. Cook.....San Francisco, Cal
W. F. Delaney.....Richmond, Va
H. G. Doran.....Chicago, Ill
C. E. Fuller, Jr.....Denver, Col
J. R. Hayward.....Roanoke, Va
S. M. Hindman.....Pittsburgh, Pa
Blake C. Howard.....St. Louis, Mo
E. G. Jackson.....Montreal, Que
J. C. Little.....Chicago, Ill
H. H. Marsh.....Mandeville, La
A. C. Oberlin.....Pittsburgh, Pa
C. B Porter.....Houston, Tex
Frederic Schaefer.....Pittsburgh, Pa
E. J. Searles..... "

SCULLIN STEEL CO.,
6700 Manchester Ave., St. Louis, Mo
Chicago, Ill.—332 So. Michigan Ave.
New York, N. Y.—Grand Cen. Term.
Richmond, Va.—Mutual Bldg.
St. Paul, Minn.—Merchants Bk. Bldg.
G. L. L. Davis, V-Pres. ....St. Louis, Mo
W. L. Jefferies, Jr.....Richmond, Va
E. F. Judge, Sec.....St. Louis, Mo
F. L. Norton, V.-Pres...New York, N. Y
B. W. Parsons.....St. Paul, Minn
Harry Scullin, Pres.....St. Louis, Mo
V. C. Turner, V.-Pres.& Treas. "
E. S. Wortham.....Chicago, Ill

SELLERS & CO., INC., WM.
1600 Hamilton St., Philadelphia, Pa
Chicago, Ill.—80 E. Jackson Blvd.
Harry L. Britton.....Philadelphia, Pa
J. Chas. Hinton..... "
Edward L. Holljes..... "
John D. McClintock... "
A. G. New.....Greenville, S. C
James R. New.....Atlanta, Ga
Phillip E. Raymond.....Chicago, Ill
W. H. Richardson.....Baltimore, Md
S. A. Smith.....Pittsburgh, Pa
Irving Williams.....Philadelphia, Pa
Chas. T. Wilson..... "

SELLERS MANUFACTURING CO.,
231 So. La Salle St., Chicago, Ill
Cleveland, O.—Rockefeller Bldg.
Dallas, Tex.—Praetorian Bldg.
Montreal, Que.—Coristine Bldg.
New York, N. Y.—50 Church St.
Philadelphia, Pa.—1600 Walnut St.
St. Louis, Mo.—Ry. Exchange Bldg.
St. Paul, Minn.—Merchants Bank Bldg.
J. N. Ebling.....New York, N. Y
H. M. Fetterolf.....Philadelphia, Pa
W. L. Helliwell.....Montreal, Que
Geo. M. Hogan, V.-Pres.....Chicago, Ill
W. D. Jenkins.....Dallas, Tex
A. F. McCoole.....St. Louis, Mo
R. J. Mercur.....Montreal, Que
B. W. Parsons.....St. Paul, Minn
R. J. Platt, Asst. Gen. Sales Agt.....Chicago, Ill
S. Worcester Sargent..Philadelphia, Pa
John M. Sellers, Pres.....Chicago, Ill
Stanley H. Smith.....Cleveland, O
E. W. Van Houten.....New York, N. Y
R. A. Van Houten, V.-Pres. & Gen. Mgr.....Chicago, Ill

SHERBURNE & CO.,
53 Oliver St., Boston, Mass
Paul S. Chynoweth..... "
Hobart Hughes..... "
R. J. Maxwell..... "
Charles H. Sherburne.... "

SHERWIN-WILLIAMS CO.,
601 Canal Road, Cleveland, O
Boston, Mass.—11 Stillings St.
Chicago, Ill.—Pullman Station.
Cincinnati, O.—6th & Main Sts.
Dallas, Tex.—1621 Wall St.
New York.—292 Madison Ave.
Philadelphia, Pa.—Delaware & Chestnut Sts.
St. Louis, Mo.—2nd & Clinton Sts.
San Francisco, Cal.—454 Second St.
R. J. Barnes.....Cincinnati, O
W. P. Clark.....Kansas City, Mo
E. S. Donnelly.....Dallas, Tex
G. A. Dorwart.....Chicago, Ill
F. A. Elmquist.....New York, N. Y
W. F. Gallinger.....Chicago, Ill
R. V. Goodremont..... "
F. W. Hewes.....Seattle Wash
D. R. Jones.....Cleveland, O
J. A. Karb.....Philadelphia, Pa
Arthur Larkins, Mgr. Railway Sales.....Cleveland, O
H. P. Reeds.....St. Louis, Mo
John Schlintz.....New York, N.Y
H. A. Sturn.....Boston, Mass
V. K. Wolcott.....San Francisco, Cal

SIPE & CO., JAMES B.
Chamber Commerce Bldg., Pittsburgh, Pa
J. T. Andrews..... "
T. W. Callahan.....Minneapolis, Minn
H. L. Clemmer.....Pittsburgh, Pa
Milton Davis.....Chicago, Ill
D. B. Hawkins.....Los Angeles, Cal
G. W. Johnston.....Pittsburgh, Pa
Hugh U. Mudge.....Denver, Col
J. J. O'Fallon, Jr.....St. Louis, Mo
R. E. Rogers.....Pittsburgh, Pa
E. T. Schroeder.....St. Louis, Mo
R. M. Smith.....Pittsburgh, Pa
J. T. Stephenson.....Washington, D. C
D. B. Vall.....Buffalo, N. Y

SNOW CONSTRUCTION CO., T. W.,
332 So. La Salle St., Chicago, Ill
Birmingham, Ala.—Brown Marx Bldg.
A. A. Culp.....Birmingham, Ala
William Hurst.....Winnipeg, Man
Warren A. Lathrop.....Chicago, Ill
L. G. Plant..... "
Barton Snow..... "
O. T. Snow..... "
V. L. Walker..... "

SOUTHERN IRON & EQUIPMENT CO.,
Grant Bldg., Atlanta, Ga
W. H. Bradley..... "
S. E. Corbett, Mech. Eng... "
R. A. Garner, Sec. & Treas. "
F. P. Kern, Pres. & Gen. Mgr. "
F. G. Lively..... "
W. A. Love, 1 V.-Pres. & P. A. "
H. M. Pratt, 2 V.-P. & Sales Mgr. "

SOUTHERN WHEEL CO.,
Commonwealth Bldg., Pittsburgh, Pa
Atlanta, Ga.—Candler Bldg.
New York, N. Y.—Grand Cent. Term.
Philadelphia, Pa.—Liberty Bldg.
St. Louis, Mo.—Ry. Exchange Bldg.
Washington, D. C.—Munsey Bldg.
C. M. Bower.....New York, N. Y
C. C. Cox.....Atlanta, Ga
C. C. Esdale.....Birmingham, Ala
J. B. Spencer.....Pittsburgh, Pa
O. W. Spencer.....St. Louis, Mo
F. A. Streiff.....Birmingham, Ala
S. C. Watkins.....Washington, D.C
J. F. Weisbrod.....Pittsburgh, Pa
J. H. Yardley.....Philadelphia, Pa

SOUTHWARK FOUNDRY & MACH. CO.
400 Washington Ave., Philadelphia, Pa
Akron, O.—100 East South St.
Chicago, Ill.—343 So. Dearborn St.
W. H. Harman, Pres. . Philadelphia, Pa
A. K. Nowak.....Chicago, Ill
J. Rosenfeld, V.-Pres & Treas.....Philadelphia, Pa
F. G. Schranz, V.-Pres. & Sales Mgr..... "
F. H. Smith.....Akron, O

SPAULDING FIBRE CO., INC.,
310 Wheeler St., Tonawanda, N. Y
Boston, Mass.—15 Elkins St.
Chicago, Ill.—659 W. Lake St.
Cincinnati, O.—311 E. 8th St.
Cleveland, O.—124 St. Clair Ave., N.E.
Detroit, Mich.—1010 Beaubein St.
Los Angeles, Cal.—310 E. 4th St.
New York, N. Y.—484 Broome St.
Philadelphia, Pa.—141 N. 4th St.
San Francisco, Cal.—1139 Howard St.
A. L. Barton.....New York, N. Y
G. E. Calhoun.....Cleveland, O
H. E. Giddes.....Chicago, Ill
C. D. LaMoree..... { Los Angeles, Cal / San Francisco, Cal
R. A. Langley.....Cincinnati, O
C. M. Metelski.....Detroit, Mich
L. F. Pike.....Boston, Mass
C. F. Kreger.....Philadelphia, Pa
C. C. Steck.....Tonawanda, N. Y

SPRAGUE SAFETY CONTROL & SIGNAL CORP.,
421 Canal St., New York, N. Y
Chicago, Ill.—310 So. Michigan Ave.
Desmond Sprague, West. Mgr.....Chicago, Ill
Frank J. Sprague, Pres. New York, N.Y

STANDARD CAR TRUCK CO.,
332 So. Michigan Ave., Chicago, Ill
F. L. Barber, Sec. & Treas... "
Lee W. Barber, Pres..... "
J. T. Milner, V.-Pres..... "
E. W. Webb, Ch. Eng..... "

STANDARD COUPLER CO.,
110 East 42nd St., New York, N. Y
Chicago, Ill.—122 So. Michigan Ave.
Pittsburgh, Pa.—B. F. Jones Bldg.
St. Louis, Mo.—Fed. Commerce Trust Bldg.
E. G. Goodwin.....New York, N. Y
Douglas I. McKay, Pres. "
Alan D. Morrow.....Washington, D. C
F. A. Ogden, Jr.....Pittsburgh, Pa
Geo. N. Orr.....New York, N. Y
E. F. Pride..... "
L. C. Sparks.....St. Louis, Mo
Jos. M. Welles.....Chicago, Ill

STANDARD FORGINGS CO.,
80 E. Jackson Blvd., Chicago, Ill
Baltimore, Md.—Munsey Bldg.
Boston, Mass.—141 Milk St.
Cleveland, O.—National Bldg.
Denver, Col.—1617 Blake St.

(Continued on following page.)

STANDARD FORGINGS CO.—Continued.
Detroit, Mich.—Kresge Bldg.
Houston, Tex.—Union Nat'l Bk. Bldg.
Kansas City, Mo.—Finance Bldg.
Milwaukee, Wis.—1st Wis. Natl. Bk. Bldg.
New York, N Y.—Grand Cent. Term.
Philadelphia, Pa.—Elrae Bldg.
Richmond, Va.—Law Bldg.
St. Paul, Minn.—Builders Ex. Bldg.
John L. Bender.....Detroit, Mich
Geo. T. Cook.....Kansas City, Mo
G. F. Cotter.....Houston, Tex
Geo. E. Denyven.....Boston, Mass
J. C. Dolan.....Denver, Col
Scott Donahue.....New York, N. Y
Paul J. Kalman.....St. Paul, Minn
N. S. Kenney.....Baltimore, Md
C. R. Lewis, V.-Pres. & Gen. Mgr. Sales.....Chicago, Ill
Lawrence Lewis.....Richmond, Va
W. R. McDonough.....Cleveland, O
L. E. Meldinger.....Milwaukee, Wis
E. W. Richey, V.-Pres.....Chicago, Ill
G. E. Van Hagen, Jr..... "
D. R. Warfield.....Philadelphia, Pa

STANDARD RY. EQUIPMENT CO.,
New Kensington, Pa
Chicago, Ill.—310 So. Michigan Ave.
New York, N. Y.—247 Park Ave.
St. Louis, Mo.—Ry. Exchange Bldg.
D. R. Arnold.....Chicago, Ill
A. G. Bancroft.....St. Louis, Mo
Frank Bergen.....Montreal, Que
G. T. Cook.....Kansas City, Mo
H. G. Cook.....San Francisco, Cal
J. T. Cralley.....Chicago, Ill
J. C. Dolan.....Denver, Col
S. M. Dolan.....Houston, Tex
C. G. Elliott..... "
C. Y. Ford.....New York, N. Y
A. A. Frank.....Chicago, Ill
E. G. Fredell..... "
G. G. Gilpin..... "
W. L. Jefferies.....Richmond, Va
H. F. Lowman.....Washington, D. C
A. S. Merz.....New York, N. Y
J. G. Miller.....St. Louis, Mo
Walter P. Murphy.....Chicago, Ill
C. E. Rafter.....New Kensington, Pa
S. G. Rea.....New York, N. Y
S. W. Sargent.....Philadelphia, Pa
V. E. Sisson.....Chicago, Ill
C. N. Wesley..... "

STANDARD SAFETY NUT CORP.,
30 Church St., New York, N. Y
P. W Dieter, Pres..... "

STANDARD SEAMLESS TUBE CO.,
Pittsburgh, Pa
New York, N. Y.—295 Broadway.
Tulsa, Okla.—Mid-Continent Bldg.
T. L. Kirk, Sales Mgr....Pittsburgh, Pa
H. G. Texter, Dist. Sales Mgr..Tulsa, Okla
W. H. Wiewel, Dist. Sales Mgr.....New York, N. Y

STANDARD STEEL CAR CO.,
Frick Bldg., Pittsburgh, Pa
Chicago, Ill.—Tribune Tower.
New York, N. Y.—120 Broadway.
R. L. Gordon.....New York, N. Y
J. M. Hansen.....Pittsburgh, Pa
P. G. Jenks.....Chicago, Ill
W. A. Libkeman..... "
H. G. Macdonald.....New York, N. Y
John H. Mitchell.....Pittsburgh, Pa

STANDARD STEEL WORKS CO.,
500 No. Broad St., Philadelphia, Pa
Boston, Mass.—185 Devonshire St.
Chicago, Ill.— 0 E. Jackson Blvd.
Houston, Tex.—2nd Natl. Bank Bldg.
Mexico City, Mex.—Apartado 106 Bis
New York, N. Y.—120 Broadway.
Pittsburgh, Pa.—Union Trust Bldg.
Portland, Ore.—N. W. Bank Bldg.
Richmond, Va.-Richmond Trust Bldg.
St. Louis, Mo.—Boatmens Bank Bldg.
St. Paul, Minn.—Merch. Nat. Bk. Bldg.
San Francisco, Cal.—Spreckels Bldg.
Henry Bartlett.....Boston, Mass
A. J. Beuter.....Portland, Ore
H. Blanchard.....St. Paul, Minn
G. J. F. Carpenter.....New York, N. Y
Paul Cheatham.....Mexico City, Mex
W. H. Evans.....Chicago, Ill
C. H. Gaskill..... "
A. S. Goble.....St. Louis, Mo
C. G. Green.....Houston, Tex
H. K. Gruel.....Philadelphia, Pa
J. R. Guinn.....New York, N. Y
C. E. Hale.....Pittsburgh, Pa
R. A. Hey.....Houston, Tex
J. F. Hoerner.....New York, N. Y
G. F. Jones.....Richmond, Va
A. W. Kelly.....Portland, Ore
W. B. Keys.....Richmond, Va
A. B. McCoy.....St. Louis, Mo
L. McMullen.....San Francisco, Cal
Jas. McNaughton.....New York, N. Y
F. K. Metzger, Mgr. Sales.....Philadelphia, Pa
L. W. Metzger, Jr.....Houston, Tex
C. Riddell.....Chicago, Ill
R. Sanderson, V.-Pres.. Philadelphia, Pa
R. T. Schlacks.....Chicago, Ill
Thomas Siner.....St. Louis, Mo
H. J. Snowden.....Pittsburgh, Pa
F. A. Tayler.....Richmond, Va
R. N. Watt.....Philadelphia, Pa

STANDARD STOKER CO., INC.,
350 Madison Ave., New York, N. Y
Boston, Mass.—683 Atlantic Ave.
Chicago, Ill.—332 So. Michigan Ave.
Richmond, Va.—628 E. Main St.
San Francisco, Cal.—660 Market St.
H. P. Anderson, Mech. Eng....Erie, Pa
M. C. M. Hatch.....Boston, Mass
Caldron Hnos.....Mexico City, Mex
A. M. Hunt, Consit. Eng. New York, N. Y
Henry S. Mann.....Chicago, Ill
W. C. Peyton, Pres....New York, N. Y
F. C. Pickard, Wks. Mgr.....Erie, Pa
Chas. H. Quinn.....San Francisco, Cal
F. P. Roesch, Sales Mgr.....Chicago, Ill
W. R. Williams.....Richmond, Va

STANDARD TANK CAR COMPANY,
Works—Sharon, Pa
New York, N. Y.—17 Battery Pl.
Tulsa, Okla.—Atlas Bldg.
Washington, D. C.—1319 F St., N. W.
J. M. Follin.....New York, N. Y
H. E. Graham.....Sharon, Pa
W. N. Jeffress.....Washington, D. C

(*Continued on following page.*)

STANDARD TANK CAR COMPANY—Continued.
Victor Labadie.....San Francisco, Cal
N L. McCann.....Cleveland, O
J. B. McIntyre.....Tulsa, Okla
B. J. Robinson.....Sharon, Pa
F. S. Thompson.....Tulsa, Okla
F. A. Worthey.....Sharon, Pa

STANDARD UNDERGROUND CABLE CO.,
17th and Pike Sts., Pittsburgh, Pa
Atlanta, Ga.—Candler Bldg.
Boston, Mass.—10 Post Office Sq.
Chicago, Ill.—111 W. Washington St.
Detroit, Mich.—David Whitney Bldg.
Kansas City, Mo.—Starritt Arcade Bldg.
Los Angeles, Cal.—Citizens Bk. Bldg.
New York, N. Y.—50 Church St.
Philadelphia, Pa.—No. American Bldg
St. Louis, Mo.—Arcade Bldg.
San Francisco, Cal.—1st Nat'l Bank Bldg.
Seattle, Wash.—Central Bldg.
Washington. D. C.—Wilkins Bldg.
A. A. Anderson..... Pittsburgh, Pa
C. A. Brown.....Seattle, Wash
F. C. Cosby.....Boston, Mass
B. E. Dolch.....Kansas City, Mo
R. E. Greene.....Detroit, Mich
C. M. Hagen, Treas.....Pittsburgh, Pa
R. G. Harris.....San Francisco, Cal
R. S. Hopkins.....New York, N. Y
F. O. Hoyt.....Philadelphia, Pa
Edw. Kerschner.....Washington, D. C
C. J. Marsh, V.-Pres....New York, N. Y
J. W. Marsh, Pres.....Pittsburgh, Pa
J. A. Peacock.....Atlanta, Ga
E. J. Pietzcker.....St. Louis, Mo
C. J. Pyle.....Los Angeles, Cal
W. M. Rogers.....Chicago, Ill
A. B. Saurman, V.-Pres. & Gen. Sales Mgr.....Pittsburgh, Pa
E. A. Shutt.....St. Louis, Mo
P. H. W. Smith, V.-Pres..Pittsburgh, Pa

STAR BRASS MFG. CO.,
53 Oliver St., Boston, Mass.
Chicago, Ill.—6 East Lake St.
Montreal, Can.—100 Ann St.
New York N. Y.—66 Cortlandt St.
Pittsburgh, Pa.—528 Duquesne Way.
Richmond. Va.—Mutual Bldg.
Thomas Arnold.....Montreal, Can
J. A. Dorn.....Chicago, Ill
Wm. S. Levins.....New York, N. Y
Andrew McMillan.....Boston, Mass
Geo. H. Musgrave..... "
Howard G. Musgrave..... "
C. H. Sherburne..... "
S. D. Shook.....Pittsburgh, Pa
E. T. Wade.....Richmond, Va

STAR HEADLIGHT & LANTERN CO.,
15 Caledonia Ave., Rochester, N. Y
Roy C. Davis..... "
A. W. Jacobs, Pres.... "

STEEL CAR FORGE CO.,
Frick Bldg., Pittsburgh, Pa
Chicago, Ill.—435 No. Michigan Ave.
R. L. Gordon.....New York, N. Y
W. A. Libkeman.....Chicago, Ill
H. G. Macdonald.....New York, N. Y
E. W. Stauffer.....Pittsburgh, Pa
C. W. Wright..... "

STEWART IRON WORKS CO., INC.,
Cincinnati, O
W. S. Kyle, Supt. Sales Agencies..... "
F. A. Meyers..... "
E. A. Parry..... "
W. S. Rich, Sec..... "
U. Sauer..... "
H. A. Stewart..... "

SULLIVAN MACHINERY CO.,
122 So. Michigan Ave., Chicago, Ill
Birmingham, Ala.—2108 Fifth Av., No.
Boston, Mass.—201 Devonshire St.
Butte, Mont.—48 E. Broadway.
Cleveland, O.—Rockefeller Bldg.
Dallas, Tex.—Santa Fe Bldg.
Denver, Col.—Equitable Bldg.
Duluth, Minn.—Alworth Bldg.
El Paso, Tex.—Mills Bldg.
Huntington, W. Va.—736 Third Ave.
Joplin, Mo.—4th & Wall Sts.
Knoxville, Tenn.—614 Market St.
Los Angeles, Cal.—412 E. 3rd St.
Muskogee, Okla.—428 N. Second St.
New York, N. Y.—30 Church St.
Pittsburgh, Pa.—Farmers Bk. Bldg.
Pottsville, Pa.—208 W. Market St.
St. Louis, Mo.—Ry. Exchange Bldg.
Salt Lake City, Utah—117 West 2nd South St.
San Francisco, Cal.—582 Market St.
Scranton, Pa.—187 Adams Ave.
Spokane, Wash.—Hutton Bldg.
Terre Haute, Ind.—13th St. & 7th Ave.
Toronto, Ont.—37 Colborne St.
Vancouver, B. C.—633 Howe St.
R. T. Banks.....Spokane, Wash
L. B. Black.....Toronto, Ont
B. B. Brewster....Salt Lake City, Utah
Jos. H. Brown..... .....Chicago, Ill
L. R. Chadwick.....New York, N. Y
J. H. Emrick.....Denver, Col
J. G. Graham.....Butte, Mont
D. H. Hunter.....Dallas, Tex
W. R. Jarvis.....Pittsburgh, Pa
B. P. Lane.....Los Angeles Cal
J. L. McDonald.....Muskogee, Okla
R. P. McGrath.....San Francisco, Cal
E. E. Miller.....El Paso, Tex
M. C. Mitchell.....St. Louis, Mo
O. J. Neslage.....Joplin, Mo
E. W. Noyes.....Scranton, Pa
J. A. Noyes.....Duluth, Minn
A. K. Owen.....Pottsville, Pa
G. H. Richey.....Boston, Mass
P. E. Ritchie.....Vancouver, B. C
G. P. Small.....Birmingham, Ala
R. T. Stone.....Cleveland, O
D. M. Sutor..... .....St. Louis, Mo
E. L. Thomas.....Knoxville, Tenn
J. S. Walker, Jr.....Huntington, W. Va
H. A. Wiley..... .....Terre Haute, Ind

SUNBEAM ELECTRIC MFG. CO.,
Evansville, Ind.
Denver, Col.—710 17th St.
New York, N. Y.—Grand Central Term.
Philadelphia, Pa.—549 W. Fishers Ave.
Richmond, Va.—1444 East Main St.
San Francisco, Cal.—72 New Montgomery St.
Washington, D. C.—Munsey Bldg.
R. B. Cardozo.....Richmond, Va

(Continued on following page.)

SUNBEAM ELECTRIC MFG. CO.—Continued.
W. A. Carson.....Evansville, Ind
S. F. Fleming.....Richmond, Va
C. E. Kinnaw.....Evansville, Ind
S. Herbert Lanyon..San Francisco, Cal
W. T. Manogue.....Philadelphia, Pa
C. W. Marshall.....New York, N. Y
H. U. Mudge.....Denver, Col
Lewis B. Rhodes.....Washington, D. C
J. Henry Schroeder.....Evansville, Ind

SUPERHEATER CO.,
17 E. 42d St., New York, N. Y
Chicago, Ill.—122 So. Michigan Ave.
Montreal, Que.—190 St. James St.
E. A. Averill.....New York, N. Y
H. C. Bell.....Montreal, Can
John Bell..... "
L. H. Birkett..... "
George L. Bourne.....New York, N. Y
C. A. Brandt..... "
Bard Browne..... "
W. A. Buckbee..... "
C. H. David..... "
G. L. Dolan.....Chicago, Ill
E. J. Drewyour.....New York, N. Y
C. R. Fairchild.....Montreal, Can
Geo. Fogg.....Chicago, Ill
T. F. Jackson.....Montreal, Que
H. V. Jones.....Chicago, Ill
W. E. Libby..... "
A. C. Loudon.....Montreal, Can
B. G. Lynch.....Chicago, Ill
S. Macdonald.....New York, N. Y
N. T. McKee..... "
A. C. McLachlan..... "
J. E. Mourne.....Chicago, Ill
H. B. Oatley.....New York, N. Y
C. A. Odell.....Montreal, Can
R. M. Ostermann.....Chicago, Ill
R. R. Porterfield..... "
G. E. Ryder.....New York, N.Y
F. A. Schaff..... "
H. T. Spicer.....Chicago, Ill
K. E. Stilwell.....New York, N. Y
W. G. Tawse.....Chicago, Ill
I. D. Toner.....New York, N. Y
Chas. H. True.....E. Chicago, Ind
R. J. Van Meter.....Chicago, Ill
C. M. Wickham.....New York, N. Y

SUPERIOR FLAKE GRAPHITE CO.,
33 So. Clark St., Chicago, Ill
W. J. Carney, Pres..... "
M. B. Joyce, V.-Pres. & Treas. "
Wm. S. Joyce, Sales Mgr. & Sec..... "
L. H. Snyder..... "

SUYDAM CO., M. B.,
Preble & Island Aves., N.S., Pittsburgh, Pa
Buffalo, N. Y.—885 Ellicott Square.
Chicago, Ill.—343 So. Dearborn St.
New York, N. Y.—342 Madison Ave.
Philadelphia, Pa.—613 No. 8th St.
Washington, D. C.—Munsey Bldg.
Youngstown, O.—Stambaugh Bldg.
Geo. H. Evans.....Washington, D. C
C. T. Fowler.....Philadelphia, Pa
J. M. Hawkins.....Buffalo, N.Y
A. P. Lyon.....Youngstown, O
C. C. Potter.....New York, N. Y
A. C. Woods.....Chicago, Ill

SYMINGTON CO., THE
Main Office and Works—Rochester, N.Y
Baltimore, Md.—Maryland Trust Bldg
Chicago, Ill.—310 So. Michigan Ave.
New York, N. Y.—250 Park Ave.
James C. Barr.....Boston, Mass
Donald S. Barrows, V.-Pres.....Rochester, N. Y
R. H. Gwaltney, V.-Pres. New York, N.Y
A. E. Heffelfinger..... "
B. M. Jones..... "
E. J. Mohr.....Rochester, N. Y
C. R. Naylor.....Chicago, Ill
J. A. Sauer, V.-Pres.....New York, N. Y
H. K. Smith.....Chicago, Ill
H. Sparks.....New York, N.Y
C. J. Symington, Pres.. "
I. O. Wright.....Baltimore, Md

TALMAGE MFG. CO.,
1279 West 3rd St., Cleveland, O
Richmond, Va.—Law Bldg.
A. F. Letherer, Mech. Eng. Cleveland, O
D. B. Parker.....Richmond, Va
Frank M. Roby, Pres.....Cleveland, O
Herman B. Thurston, V.-Pres "

TEMPLETON, KENLY & CO., LTD.,
1020 So. Central Ave., Chicago, Ill
Philadelphia, Pa.—Drexel Bldg.
Pittsburgh, Pa.—Empire Bldg.
St. Louis, Mo.—Arcade Bldg.
St. Paul, Minn.—Merch. Bank Bldg.
San Francisco, Cal.—311 Minna St.
Toronto, Ont.—12 Sheppard St.
Vancouver, B.C.—1110 Hamilton St.
Winnipeg, Man.—103 Princess St.
A. M. Angus.....Chicago, Ill
E. H. Batchelder, Jr..... "
H. B. Burlow..... "
J. H. Collins.....San Francisco, Cal
C. A. Crane, Jr.....Chicago, Ill
J. L. Crowley..... "
Jos. Dolar, V.-Pres..... "
A. E. Ferguson.....St. Louis, Mo
Geo. H. Goodell.....St. Paul, Minn
H. A. Hiam.....Vancouver, B. C
H. W. Jacques.....Philadelphia, Pa
W. H. Kreer.....Chicago, Ill
Arthur C. Lewis.....Toronto, Ont
G. L. Mayer.....Chicago, Ill
R. L. McLeod.....Toronto, Ont
P. H. McManus.....Chicago, Ill
G. R. Medland.....Winnipeg, Man
G. T. Mumford..... "
John J. O'Fallon.....St. Louis, Mo
Chas. G. Rank.....St. Paul, Minn
Wm. Simpson.....Pittsburgh, Pa
W. B. Templeton, Pres.....Chicago, Ill

TEXAS COMPANY, THE
17 Battery Place, New York N Y
Atlanta, Ga.—Wynne-Claughton Bldg
Chicago, Ill.—332 So. Michigan Ave.
Cleveland, O.—Engineers Bldg.
Dallas, Tex.—Santa Fe Bldg.
Houston, Tex.—Texas Co. Bldg.
St. Louis, Mo.—Arcade Bldg.
San Francisco, Cal.—Hearst Bldg.
W. H. Barrows.....Houston, Tex
L. R. Dallam.....Dallas, Tex
J. B. Flynn.....San Francisco, Cal
W. E. Greenwood.....New York, N. Y
Wm. Jervis..... "

(Continued on following page.)

TEXAS COMPANY, THE.—Continued.
J. F. Ryan.....Chicago, Ill
F. E. Sheehan.....St. Louis, Mo
E. J. Singleton.....New York, N. Y
S. E. Treadwell.....Atlanta, Ga
W. W. Wilson.....Cleveland, O
R. W. Woods.....New York, N. Y
C. S. Young..... "

THOMSON ELECTRIC WELDING CO.,
Lynn, Mass
Chicago, Ill.—549 W. Washington Blvd
Cleveland, O.—Leader-News Bldg.
Detroit, Mich.—General Motors Bldg.
New York, N. Y.—50 Church St.
Philadelphia, Pa.—Bourse Bldg.
St. Louis, Mo.—Security Bldg.
San Francisco, Cal.—320 Market St.
R. S. Donald.....New York, N. Y
J. J. Kelly, Asst. Sales Mgr..Lynn, Mass
F. H. Leslie.....Chicago, Ill
G. L. Lind.....Philadelphia, Pa
M. G. Littlefield. .....Cleveland, O
W. J. McRae.....San Francisco, Cal
James A. Muir.....Detroit, Mich
C. E. Seifert.....Cleveland, O
R. B. Strout.....Lynn, Mass
C. A. Thompson.....St. Louis, Mo
H. B. Warren, Sales Mgr....Lynn, Mass

THORNBURGH MFG. CO., W. N.,
So. 50th Ave. & 32nd Pl., Cicero, Ill
Boston, Mass.—170 Summer St.
Cleveland, O.—Schofield Bldg.
Houston, Tex.—2nd Natl. Bk. Bldg.
Mobile, Ala.—City Bank Bldg.
New York, N. Y.—30 Church St.
Philadelphia, Pa.—1600 Walnut St.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—Syndicate Trust Bldg.
San Francisco, Cal.—Monadnock Bldg
Washington, D. C.—Munsey Bldg.
Jas. A. Amrock.....Mobile, Ala
E. Bechtel, Sec. & Asst. Treas. Cicero, Ill
F. F. Bodler.....San Francisco, Cal
P. C. Cady.....New York, N. Y
A. M. Coleman.....Boston, Mass
H. M. Fetteroff.....Philadelphia, Pa
G. R. Ingersoll.....Cleveland, O
Geo. McP. Minetree..Washington, D. C
J. J. Meydrech, V.-Pres. & Treas. Cicero, Ill
C. B. Porter.....Houston, Tex
S. Worcester Sargent..Philadelphia, Pa
Cecil W. Stevens.....Richmond, Va
E. Strassburger.....St. Louis, Mo
W. N. Thornburgh, Pres.....Cicero, Ill

TIMKEN-DETROIT AXLE CO., THE
400 Clark Ave., Detroit, Mich.
Chicago, Ill.—111 W. Washington St.
New York, N. Y.—42d St. & Madison Ave
Los Angeles, Cal.—130 W. 61st St.
San Francisco, Cal.—1238 Van Ness Ave
Wm. Bonn.....Chicago, Ill
Chas. S. Brooks... { Los Angeles, Cal. / San Francisco, Cal
Fred M. Egolf.....New York, N. Y
Geo. E. Fox..... "
Rex S. Gay.....Chicago, Ill
P. W. Hood.....Detroit, Mich
W. G. Norris.....Chicago, Ill
Ralph Trese.....Detroit, Mich

TIMKEN ROLLER BEARING CO.,
Canton, O
W. A. Baum, Traf. Mgr..... "
T. V. Buckwalter, V.-Pres..... "
L. M. Klinedinst, Sales Mgr. Ind. Div..... "
M. T. Lothrop, V.-Pres..... "
J. G. Obermier, V.-Pres..... "
H. J. Porter, V.-Pres. & Mgr. Sales..... "
P. C. Poss, Asst. Adv. Mgr.... "
W. C. Sanders, Ry. Equip. Eng. "
A. J. Sanford, Dir. Pur..... "
H. H. Timken, Pres..... "

TORCHWELD EQUIPMENT CO.,
224 N. Carpenter St., Chicago, Ill
Boston, Mass.—274 Friend St.
Buffalo, N. Y.—178 Main St.
Cleveland, O.—1313 W. 6th St.
Detroit, Mich.—149 Larned St.
Kansas City, Mo.—1117 W. 8th St.
Minneapolis, Minn.—Wash. & 6th Aves.
New Haven, Conn.—219 Water St.
New York, N. Y.—154 Varick St.
Philadelphia, Pa.—617 Arch St.
Pittsburgh, Pa.—Oliver Bldg.
St. Louis, Mo.—3214 Locust St.
C. K. Anderson, V.-Pres.....Chicago, Ill
C. F. Egbert, Sec. & Treas..... "
H. C. Ellsworth.....Cleveland, O
H. A. Faeth.....Kansas City, Mo
J. W. Gannon.....Montgomery, Ala
E. W. Gardner.....New York, N. Y
C. W. Griswold.....Rochester, N. Y
Wm. Heritage.....St. Louis, Mo
R. E. Kelleher.....New Orleans, La
F. H. Page.....New Haven, Conn
M. N. Pike.....Philadelphia, Pa
H. M. Pritchard.....Buffalo, N. Y
J. S. Proctor.....Minneapolis, Minn
R. M. Rush..... .....Pittsburgh, Pa
A. J. Russell.....Bettendorf, Ia
W. A. Slack, Pres.....Chicago, Ill
C. A. Strelinger.....Detroit, Mich
F. M. Summers.....Milwaukee, Wis
W. S. Wood.....Boston, Mass

TRACK SPECIALTIES CO.,
6 Morris St., New York, N. Y.
Chicago, Ill.—N. Y. Life Bldg.
Pittsburgh, Pa.—4 Smithfield St.
St. Louis, Mo.—Ry. Exchange Bldg.
J. A. Bodkin, V.-Pres..New York, N. Y
W. L. Byrne.....Pittsburgh, Pa
Chas. A. Carpenter..... "
Geo. H. Chadwell.....St. Louis Mo
W. B. Lee, Pres.....New York, N. Y
M. K. Northam.....Chicago, Ill

TRANSPORTATION DEVICES CORP.,
Continental Bk. Bldg., Indianapolis, Ind
L. D. Grisbaum, Gen. Sales Mgr..... "
F. H. Lutz, Serv. Eng. "
E. S. Pearce, Pres. & Gen. Mgr..... "

TRANSPORTATION ENG. CORP.,
269 37th St., Brooklyn, N. Y.
F. V. McGinness..... "
H. W. Stortz..... "

TUCO PRODUCTS CORPORATION,
30 Church St., New York, N.Y
Chicago, Ill.—122 So. Michigan Ave.
San Francisco, Cal.—Monadnock Bldg
Washington, D. C —630 Louisiana Ave
F. A. Barbey.....Boston, Mass
Garrett Burgert, Treas. New York, N. Y
H. B. Chamberlain, Asst. to Pres..... "
J. W. Coleman.....Montreal, Que
T. C. Coleman..... ... Louisville, Ky
E. J. Corcoran.....New York, N Y
Frank N. Grigg.....Washington, D. C
Geo. Hricovsky.....Chicago, Ill
W. D. Jenkins.....Houston, Tex
T. L. Miller.....Chicago, Ill
R. F. O'Leary.....New York, N. Y
D. W. Pye, Pres..... "
Ralph Shrapshire....Washington, D. C
E. S. Sullivan.....San Francisco, Cal
H. B. Wilson.....St. Louis, Mo

TYLER TUBE & PIPE CO.,
Washington, Washington Co., Pa
E. Tyler Davis, Mgr.
Sales.....Washington, Pa

ULSTER IRON WORKS,
General Offices & Works—Dover, N. J
Chicago, Ill.—122 So. Michigan Ave.
Houston, Tex.—2nd Natl. Bk. Bldg.
Montreal, Que.—McGill Bldg.
New York, N. Y.—52 Vanderbilt Ave.
Ottawa, Ont.—356 Sparks St.
St. Louis, Mo.—Ry. Exchange Bldg.
St. Paul, Minn.—Merchants Bk. Bldg.
San Francisco, Cal.—Hobart Bldg.
C. F. Barton.....New York, N. Y
H. T. Bradley..... "
J. C. Campbell.....Chicago, Ill
Herbert G. Cook....San Francisco, Cal
J. H. Craigie.....New York, N. Y
J. H. Dougherty.....Montreal, Que
G. H. Goodell.....St. Paul, Minn
R. W. Gordon. .....New York, N. Y
H. A. Gray, Sales Mgr.....Chicago, Ill
G. B. Greene.....Ottawa, Ont
Frank W. Hamilton, V.-Pres. Dover, N. J
L. E. Hassman.....St. Louis, Mo
E. W. Kavanagh.....New York, N. Y
John Mulligan, Pres.....Dover, N. J
C. E. Naylor..... ....Houston, Tex
C. R. Rank..... .....St. Paul, Minn
N. S. Thulin.....Chicago, Ill
J. D. B. Vreeland, Sec.....Dover, N. J

UNDERWOOD CORP., H. B.,
1015 Hamilton St., Philadelphia, Pa
David C. Hitchner, Pres "
Walter Weidemann, Treas..... "

UNDERWOOD TYPEWRITER CO.,
30 Vesey St., New York, N. Y
F. A. Robinson, Mgr..... "

UNION ASBESTOS & RUBBER CO.,
310 So. Michigan Ave., Chicago, Ill
Denver, Col.—U. S. Nat'l. Bk. Bldg.
Houston, Tex.—Carter Bldg.
New York, N. Y.—30 Church St.
Roanoke, Va.—Boxley Bldg.
San Francisco, Cal.—Monadnock Bldg
L. L. Cohen, Pres..... Chicago, Ill
A. A. Dawley.....San Francisco, Cal
W. R. Gillies.....Chicago, Ill
C. F. Hopkins.....Denver, Col
G. A. Hull.....Chicago, Ill
Fred Kinsey..... "
J. H. Kuhns, V.-Pres..... "
G. J. Martin..... "
C. Mosier, Sec. & Treas..... "
O. H. Neal.....New York, N. Y
C. E. Naylor.....Houston, Tex
Thos. Spratt.....Roanoke, Va
W. H. Taylor.....Chicago, Ill

UNION DRAFT GEAR CO.,
332 So. Michigan Ave., Chicago, Ill
H. Barnard..... "
J. W. Bridge..... "
L. T. Canfield..... "
F. D. Cardwell..... "
J. R. Cardwell..... "
C. C. Carmichael.....Montreal, Que
C. A. Danielson.....Chicago, Ill
Wilber Eckels..... "
E. T. Evans..... "
O. C. Heckart..... "
J. A. King..... "
W. G. Krauser..... .....Montreal, Que
A. Lerch..... .....Chicago, Ill
F. E. Schmitz..... "
R. W. Schulze..... "
D. Sproul..... "
P. R. Suhr..... "
J. E. Tarelton..... "
C. H. Tobias..... "

UNION SPRING & MFG. CO.,
Granite Bldg., Pittsburgh, Pa
Baltimore, Md.—Munsey Bldg.
Chicago, Ill.—343 So. Dearborn St.
Louisville, Ky.—Todd Bldg.
New York, N. Y.—50 Church St.
Philadelphia, Pa.—226 S. 15th St.
Richmond, Va.—Mutual Bldg.
H. C. Bughman, Jr.....Pittsburgh, Pa
J. W. Chandler.....Louisville, Ky
W. L. Jeffries, Jr.....Richmond, Va
N. S. Kenney.. .....Baltimore, Md
E. H. Mays.....New York, N. Y
W. F. McCabe.... New Kensington, Pa
A. Pancoast.....
F. E. Schaeffer.....Pittsburgh, Pa
D. R. Warfield.....Philadelphia, Pa
A. C. Woods.....Chicago, Ill
L. G. Woods.....Pittsburgh, Pa

UNION STEEL CASTING COMPANY,
62nd and Butler Sts., Pittsburgh, Pa
J. P. Allen, Pres. & Gen Mgr.. "
F. W. Beegel..... "
W. C. Eichenlaub, Sec. & Sales Mgr..... "
W. H. Eisenbeis, Asst. Sales Mgr. "
C. C. Smith, Chman. Bd. Dir... "

UNION SWITCH & SIGNAL CO.,
Swissvale, Pa
Chicago, Ill.—122 So. Michigan Ave.
Montreal, Que.—Transportation Bldg.
New York, N. Y.—150 Broadway.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—Matson Bldg.
W. P. Allen.....New York, N. Y
C. R. Beall.....Swissvale, Pa
E. S. Berry.....New York, N. Y
Geo. A. Blackmore, V.-Pres. & Gen. Mgr.....Swissvale, Pa
W. H. Cadwallader..... "
R. Clayburn.....Chicago, Ill

(*Continued on following page.*)

UNION SWITCH & SIGNAL CO.—Continued.
J. P. Coleman.....Swissvale, Pa
J. J. Cozzens.....New York, N.Y
A. Dean..... "
S. E. Gillespie.....St. Louis, Mo
W. J. Gillingham.....New York, N. Y
M. L. Gray.....Swissvale. Pa
H. W. Griffin.....New York, N.Y
T. S. Grubbs.....Swissvale. Pa
E. Hangarter.....Garwood. N. J
C. G. Harwig.....Chicago, Ill
J. S. Hobson..... "
L. F. Howard.....Swissvale, Pa
A. L. Humphrey, Pres...Pittsburgh. Pa
Paul Kircher.....Montreal. Que
W. J. Lee.....New York, N. Y
J. L. Loucks.....Chicago, Ill
Geo. Marloff..... "
H. McCready.....New York. N. Y
J. K. Mickley.....Chicago, Ill
T. J. O'Meara.....Swissvale, Pa
H. R. Sheene.....St. Louis, Mo
S. L. Shober.....Philadelphia, Pa
V. K. Spicer.....Chicago. Ill
J. B. Struble.....San Francisco, Cal
J. F. Talbert.....Swissvale, Pa
W. W. Talbert.....Chicago, Ill
H. A. Wallace.....Swissvale, Pa
F. L. Walton..... "
E. A. Warner.....New York, N. Y
H. W. Wolff.....Garwood, N. J

U. S. CHAIN & FORGING CO.,
Union Trust Bldg., Pittsburgh, Pa
Chicago, Ill.—38 So. Dearborn St.
New York, N.Y.—30 East 42nd St.
St. Paul, Minn.—Builders Exch. Bldg.
Salt Lake City, Utah.—Ness Bldg.
San Francisco, Cal.—Monadnock Bldg
E. C. Coffin.....Salt Lake City. Utah
W. A. Hengstenberg....New York. N. Y
B. W. Parsons.....St. Paul, Minn
A. C. Rulofson.....San Francisco. Cal
Wm. H. Spear.....Chicago, Ill

U. S. LIGHT & HEAT CORPORATION,
General Offices, Niagara Falls. N. Y
Chicago, Ill.—2001 W. Pershing Rd.
Dallas, Tex.—3201 Worth St.
Detroit, Mich.—44 Brady St.
New York. N. Y.—161 W. 64th St.
St. Louis, Mo.—Ry. Exchange Bldg.
San Francisco, Cal.—Monadnock Bldg
G. E. Anderson. Dist. Mgr. . St. Louis. Mo
W. L. Bliss, Ch. Eng. Niagara Falls. N. Y
A. W. Donop, Dist. Mgr.....Chicago, Ill
F. C. Dunlap, Dist. Mgr.....Dallas. Tex
J. L. Fosnight. Sales Mgr. Welder Div..... } Niagara Falls, N. Y.
E. D. Glauque, Adv. Mgr. "
E. H. Gold, Chman. Bd.....Chicago, Ill
W. W. Halsey, Dist. Mgr. New York. N. Y
D. H. Kelly. 1st V.-Pres. Niagara Falls, N. Y
C. O. Miniger, Pres... "
W. W. Pennington, Dist. Mgr.....Detroit, Mich
R. J. Stanton, Sales Eng.....Niagara Falls, N. Y
R. H. Van Nest, V.-Pres. & Sec..... "
J. A. White, V.-Pres. "
Geo. P. Wray, Dist. Mgr.....San Francisco, Cal

UNITED STATES METALLIC PACKING CO., 429 No. 13th St., Phila.
Chicago, Ill.—Railway Exchange.
New York, N. Y.—30 Church St.
St. Louis, Mo.—Railway Exchange.
E. Curtiss.....Philadelphia, Pa
H. E. Hyslop.....St. Paul, Minn
R. A. Light.....Philadelphia, Pa
J. T. Luscombe.....Chicago, Ill
J. S. Mace.....Philadelphia, Pa
L. B. Miller.....Elkhart, Ind
W. J. Roehl.....St. Louis, Mo
O. J. Rudolph.....Chicago, Ill
D. C. Thomas.....Kansas City, Mo
J. C. Weedon.....New York, N. Y

UNIVERSAL DRAFT GEAR ATTACHMENT CO.,
80 E. Jackson Blvd., Chicago. Ill
Montreal, Can.—Transportation Bldg.
H. E. Bartsch Asst. Mech. Eng.....Chicago, Ill
P. B. Camp, Asst. Mech. Eng. "
C. C. Kinsman. Asst. to Pres. "
Webb G. Krauser.....Montreal, Can
C. J. Nash, Pres.....Chicago, Ill
H. I. Wrigley, Mech. Eng... "

UNIVERSAL PACKING CORP.,
108 Smithfield St., Pittsburgh, Pa
J. M. Bandish..... "
F. A. Colbert..... "
J. A. Flynn..... "
Benton Klein..... "
Herbert Lewis, Mgr. R.R. "
Sales..... "
N. A. MacDonald..... "
J. J. McQuillen..... "

VANADIUM CORPORATION OF AMERICA,
120 Broadway, New York, N. Y
Detroit, Mich.—Book Bldg.
T. N. Bourke.....Detroit, Mich
Henry T. Chandler..... "
A. A. Corey, Jr., Pres. . New York, N. Y
G. A. Laub..... "
J. A. Miller, Jr..... "
Geo. L. Norris..... "
N. Petinot..... "
B. D. Saklatwalla, V.-Pres.....Bridgeville, Pa

VAN DORN IRON WORKS CO.,
2685 E. 79th St., Cleveland, O
Chicago, Ill.—325 W. Madison St.
Cincinnati, O.—Southern Ry. Bldg.
New York, N. Y.—Grand Cent. Term.
Philadelphia, Pa.—226 So. 15th St.
J. A. Boyden, Mgr. R.R. Dept. Cleveland, O
A. A. Davis.....Chicago, Ill
Gordon L. Hiner.....Cincinnati, O
F. H. Hoffman.....Cleveland, O
D. R. Warfield.....Philadelphia, Pa
Henry A. Wight.....New York, N. Y

VANDICK CHURCHILL CO.,
52 Vesey St., New York, N. Y
New Haven, Conn.—1st. Nat. Bk. Bldg.
Philadelphia, Pa.—13 No. 13th St.
F. A. Brechter.....New York. N. Y
Geo. A. Crawshaw....Philadelphia, Pa
R. L. Giebel..... New York. N. Y
C. M. Hamersly.....Philadelphia, Pa
H. G. Mook.....New York. N. Y
R. B. Reese.....Philadelphia, Pa

(*Continued on following page.*)

VANDYCK CHURCHILL CO.—Continued.
A. W. Richards.....New York, N. Y
F. H. Seng.....New Haven, Conn
W. O. Sims, V.-Pres.... "
J. E. Van Doren.....New York, N. Y
J. R. Vandyck, Pres.... "
A. M. Watkins..... "
Alfred Weisbecker.... "
C. F. White .....Philadelphia, Pa
C. I. Wroe.....New York, N. Y

VAPOR CAR HEATING CO., INC.,
80 E. Jackson Blvd., Chicago, Ill
Boston, Mass.—53 State St.
Montreal, Que.—65 Dalhousie St.
New York, N. Y.—30 Church St.
Philadelphia, Pa.—Com'l Trust Bldg.
St. Paul, Minn.—Merch. Nat. Bk. Bldg
San Francisco, Cal.—Hobart Bldg.
Washington, D. C.—Munsey Bldg.
J. E. Buker, V.-Pres.....Chicago, Ill
Nelson F. Burns..... "
L. Callahan..... "
J. T. Clark.....St. Paul, Minn
R. P. Cooley.....New York, N. Y
Wm. Damm.....Chicago, Ill
H. D. Donnel.....San Francisco, Cal
Jos. Frumveller.....Chicago, Ill
W. L. Garland.....Philadelphia, Pa
L. H. Gillick.....Chicago, Ill
Egbert H. Gold, Pres..... "
W. M. Graves.....Montreal, Que
J. J. Keane.....Chicago, Ill
B. A. Keeler..... "
C. E. Lowell.....Boston, Mass
H. F. Lowman.....,Washington, D. C
C. A. McCowan.....Winnipeg, Man
D. W. Miller.....Chicago, Ill
P. E. Miller.....Montreal, Que
P. B. Parks.....Chicago, Ill
E. C. Post..... "
F. A. Purdy.....Montreal, Que
A. F. Retta.....New York, N. Y
L. B. Rhodes, Jr.....Washington, D. C
E. A. Russell.....Chicago, Ill
E. E Smith..... "
L. Gerard Smith.....Montreal, Que
W. H. Tucker.....New York, N. Y
J. Van Vulpen.....Chicago, Ill

VERONA TOOL WORKS,
1st Natl. Bk. Bldg., Pittsburgh, Pa
Baltimore, Md.—Munsey Bldg.
Boston, Mass.—84 State St.
Chicago, Ill.—810 So. Michigan Ave.
Denver, Colo.—Barth Bldg.
Detroit, Mich.—Gen. Motors Bldg.
Louisville, Ky.—Starks Bldg.
New Orleans, La.—822 Tchoupitonlas St.
New York, N. Y.—50 Church St.
St. Louis, Mo.—Arcade Bldg.
St. Paul, Minn.—Endicott Bldg.
San Francisco, Cal.—C. Spreckles Bldg
Washington, D. C.—613 15th St., N. W
W. D. Achuff.....St. Louis, Mo
James C. Barr.....Boston, Mass
M. A. Carlton.....Baltimore, Md
B. M. Cheney.....Chicago, Ill
T. C. Coleman.....Louisville, Ky
D. L. Crawford, Supt.....Verona, Pa
W. C. Dawkins..... "
C. E. Fuller, Jr.....Denver, Col
W. W. Glosser, Gen. Sales Mgr. Verona, Pa
Wm. F. Hart, Pres.....Pittsburgh, Pa
J. E. Hill, Pur. Agt.....Verona, Pa
J. M. Kinabrew.....New Orleans, La
Edward Kopper.....St. Paul, Minn
A. C. Laessig.....Verona, Pa
P. L. Laughlin.....Chicago, Ill
F. G. Magnus, Sec. & Treas..Verona, Pa
F. A. Matthew.....Detroit, Mich
Latham McMullin...San Francisco, Cal
H. H. McNair.....St. Paul, Minn
Milburn Moore.....New York, N. Y
F. B. Nimmo, Asst. Sales Mgr..Verona, Pa
Ralph W. Payne.....Washington, D. C

VILOCO RAILWAY EQUIPMENT CO.,
14 E. Jackson Blvd., Chicago, Ill
Geo. P. Dirth, Mech. Expert. "
W. H. Heckman, V.-Pres... "
A. G. Hollingshead, V.-Pres. "
G. E. Johnson, Asst. Sec.... "
F. J. Kearney, Mech. Expert. "
J. S. Lemley, V.-Pres..... "
Chas. R. Long, Jr., V.-P..Louisville, Ky
J. M. Monroe, V.-Pres.....Chicago, Ill
C. W. Ploen, Mech. Eng.... "
S. W. Russell, V.-Pres...Louisville, Ky
E. V. Trost, Treas.....Chicago, Ill
G. S. Turner, Pres..... "
F. G. Zimmerman, V.-Pres. & Sec..... "

WALKER DRAFT GEAR CORP.,
233 Broadway, New York, N. Y
San Francisco, Cal.—Hobart Bldg.
Herbert G. Cook....San Francisco, Cal
E. H. Walker, Pres.....New York, N. Y

WALWORTH COMPANY,
88 Pearl St., Boston, Mass
Buffalo, N. Y.—43 Carolina St.
Chicago, Ill.—2436 W. 15th St.
Cleveland, O.—1614 E. 40th St.
Cincinnati, O.—1008 Sycamore St.
Long Island City, N. Y.—448 Jackson Ave.
Philadelphia, Pa.—242 Arch St.
Pittsburgh, Pa.—137 Water St.
Portland, Ore.—12th & Everett Sts.
San Francisco, Cal.—235 Second St.
Seattle, Wash.—414 First Ave., So.
W. P. F. Ayer..... ....Boston, Mass
F. J. Chittenden..... ...Buffalo, N. Y
B. D. Cruickshank.....Seattle, Wash
L. L. Durkee.....San Francisco, Cal
A. J. Eichler.....Long Island City, N. Y
G. F. Elliott.....Boston, Mass
W. C. Goza.....Birmingham, Ala
E. B. Keane.....Chicago, Ill
T. R. Kenney.....Pittsburgh, Pa
W. P. Kerr.....Philadelphia, Pa
W. F. Lloyd.....Los Angeles, Cal
Philip B. Miller.....Boston, Mass
S. R. Mitchell.....Cleveland, O
Wm. J. Moran.....Kewanee, Ill
E. A. Neupert.....Portland, Ore
T. Nickerson....Long Island City, N. Y
E. S. Rawson, Jr. "
Erlon L. Snyder.....Youngstown, O
C. W. Watson.....Kewanee, Ill
C. E. Wilkins.....Chicago, Ill
J. C. Wilson.....Cincinnati, O
R. B. Wolcott.....San Francisco, Cal

WATERBURY BATTERY CO.,
1036 So. Main St., Waterbury, Conn
Chicago, Ill.—122 So. Michigan Ave.
R. G. Canfield.....Waterbury, Conn
O. B. Frink..... "
Geo. S. Gaunt..... "
S. J. Hough.....Chicago, Ill
M. L. Martus, Pres....Waterbury, Conn
G. A. Nelson, V. Pres.&
Gen. Sales Mgr..... "

WATSON-STILLMAN CO.,
50 Church St., New York, N. Y
Chicago, Ill.—332 So. Michigan Ave.
Cleveland, O.-Auditorium Garage Bldg
E. L. Breaden.....New York, N. Y
J. Coyne.....Chicago, Ill
E. B. Fleming.....New York, N. Y
Stewart H. Ford.....Richmond, Va
R. C. Howell.....Cleveland, O
W. A. Kelly.....New York, N. Y
H. D. Nitchie..... "
E. Porter.....Detroit, Mich
Edwin A. Stillman.....New York, N. Y
W. B. Updegraff..... "
W. Waters..... "
Carl Wigtel..... "

WAUGH EQUIPMENT CO.,
122 So. Michigan Ave., Chicago, Ill
A. W. Arlin.....Los Angeles, Cal
Walter H. Bentley.....Chicago, Ill
J. W. Comstock..... "
C. F. Ehrlich..... "
Hugh Millar.....Montreal, Can
H. H. Moffitt.....Washington, D. C
Roy . Munro .....Chicago, Ill
R. J. O'Brien..... "
W. H. S. O'Brien.....St. Louis, Mo
H. D. Page.....Chicago, Ill
A. J. Pizzini.....New York, N. Y

WEIR KILBY CORP., Cincinnati, O
Louisville, Ky—Starks Bldg.
New York, N. Y.—43 Cedar St.
Norfolk, Va.—Bank Commerce Bldg.
San Francisco, Cal.—22 Battery St.
H. G. Barclay.....Birmingham, Ala
T. C. Coleman.....Louisville, Ky
C. E. Hogan.....Cincinnati, O
A. S. Karr.....Pittsburgh, Pa
Jno L. Key.....San Francisco, Cal
J. M. Motley.....New York, N. Y
R. L. Nutt, Jr.....Norfolk, Va
W. F. Robinson....Huntington, W. Va

WEST DISINFECTING CO., R. R. DEPT.
80 E. Jackson Blvd., Chicago, Ill
Long Island City, N. Y.—16 Barn St.
E. C. Daniels, N. W. Rep... Chicago, Ill
H. E. Daniels, Mgr. R. R. Dept. "
S. H. Flannagan, S. W. Rep.. "
C. P. Williams, East.
Rep.....Long Island City, N. Y

WESTERN ELECTRIC COMPANY,
See Graybar Electric Co., Inc.

WESTERN RAILWAY EQUIPMENT CO.
705 Olive St., St. Louis, Mo
S. H. Campbell, V.-Pres..... "
L. A. Hoerr Pres..... "
R. L. Langtim, Mech. Supt.. "

WESTERN WHEELED SCRAPER CO.,
Aurora, Ill
Atlanta, Ga.—Rhodes Bldg.
Chicago, Ill.—29 So. La Salle St
Dallas, Tex.—1301 So. Lamar St.
Kansas City, Mo.—1737 Walnut St.
Memphis, Tenn.—91 So. Front St.
Mexico, D. F.—Edificio Cidosa Av. Uruguay 55.
New York, N. Y.—50 Church St.
Pittsburgh, Pa.—Keystone Bldg.
St. Louis, Mo.—2918 So. Broadway.
M. T. Babb.....Chicago, Ill
H. B. Bushnell.....Aurora, Ill
J. A. Cordeal.....St. Louis, Mo
F. C. Crane.....Dallas, Tex
H. P. Henderson.....New York, N. Y
J. E. Huber.....Aurora, Ill
L. H. Kraeger.....Memphis, Tenn
C. S. Miller.....Mexico, D. F
Jess Mossgrove.....Aurora, Ill
J. W. Patterson.....Pittsburgh, Pa
R. L. Ruble.....Atlanta, Ga
W. G. Sharretts.....New York, N. Y
B. P. Smith.....Chicago, Ill
P. F. Smith.....Kansas City, Mo

WESTINGHOUSE AIR BRAKE CO.,
General Offices, Wilmerding, Pa
Atlanta, Ga.—Candler Bldg.
Boston, Mass.—35 Congress St.
Chicago, Ill.—80 E. Jackson Blvd.
Columbus, O.—Yuster Bldg.
Denver, Col.—Ideal Bldg.
Houston, Tex.—Bankers Mort'ge Bldg
Los Angeles, Cal.—Pacific Elec. Bldg.
Mexico, Mex.—No. 100, 4 a Puente de Alvarado.
New York, N. Y.—150 Broadway.
Philadelphia, Pa.—831 Windsor Square
Pittsburgh, Pa.—Westinghouse Bldg.
St. Louis, Mo.—1932 No. Broadway.
St. Paul, Minn.—Endicott Bldg..
Salt Lake City, Utah—McIntyre Bldg.
San Francisco, Cal.—Matson Bldg.
Seattle, Wash.—Securities Bldg.
Springfield, Mass.—61 Saratoga St.
Topeka, Kan.—Columbian Bldg.
Washington, D. C.—Munsey Bldg.
F. W. Ainsworth.....Denver, Col
J. F. Ames.....New York, N. Y
C. H. Beck..... "
A. L. Berghane.....Pittsburgh, Pa
Raymond Boiselle..... "
Robert Burgess.....Washington, D. C
H. H. Burns.....St. Louis, Mo
W. C. Burriss.....Pittsburgh, Pa
T. L. Burton.....New York, N. Y
W. C. Canann.....Washington, D. C
L. M. Carlton.....Chicago, Ill
Horace S. Clark.....San Francisco, Cal
John F. Craig.....New York, N. Y
Horace A. Crocker.....Los Angeles, Cal
R. I. Cunningham.....Pittsburgh, Pa
E. W. Davis.....Boston, Mass
E. G. Desoe.....Springfield, Mass
E. H. Dewson.....New York, N. Y
C. R. Ellicott..... "
F. B. Farmer.....St. Paul, Minn
E. R. Fitch.....New York, N. Y
C. D. Foltz.....Chicago, Ill
J. S. Y. Fralich..... "
H. L. Fuller.....Denver, Col

(Continued on following page.)

WESTINGHOUSE AIR BRAKE CO.—Continued

H. B. Gardner.....New York, N. Y
L. Godard.....Mexico City, Mex
John W. Henry.....Washington, D. C
J. R. Holtom.....Chicago, Ill
John Hume.....Houston, Tex
A. G. Huston.....Atlanta, Ga
R. P. Ives.....Boston, Mass
F. B. Johnson.....St. Louis, Mo
S. J. Kidder.....Chicago, Ill
R. J. Knapp.....Salt Lake City, Utah
C. H. Larimer.....Boston, Mass
A. C. Layton.....San Francisco, Cal
G. H. Martin.....Boston, Mass
E. A. Mayloek.....New York, N. Y
J. C. Morrell..... "
Thos. G. Myles.....Topeka, Kan
F. W. Nagle.....Philadelphia, Pa
F. M. Nellis.....New York, N. Y
T. W. Newburn.....Washington, D. C
C. J. Olmstead.....Chicago, Ill
Harry Orchard.....Washington, D. C
F. H. Parke.....Pittsburgh, Pa
G. B. Pierce.....St. Paul, Minn
S. L. Poorman.....Washington, D. C
Hugh M. Potter.....Chicago, Ill
W. B. Renshaw.....Pittsburgh, Pa
J. S. Siegrist.....Seattle, Wash
Isaac Simpson.....Pittsburgh, Pa
W. M. Sleet.....Washington, D. C
C. D. Stewart.....San Francisco, Cal
V. Villette..... "
H. A. Wahlert.....St. Louis, Mo
E. H. Weaver.....Chicago, Ill
C. J. Werlich.....St. Paul, Minn
F. H. Whitney.....New York, N. Y
R. K. Whittlesey.....Seattle, Wash
Lawrence Wilcox.....Columbus, O
R. W. Williams.....St. Louis, Mo
S. L. Williams.....New York, N. Y
J. B. Wright.....Pittsburgh, Pa
P. E. Yancey.....St. Paul, Minn
F. C. Young.....Pittsburgh, Pa

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

Albany, N. Y.—Journal Bldg.
Atlanta, Ga.—West. Elec. Bldg.
Baltimore, Md.—West. Elec. Bldg.
Birmingham, Ala.—Age-Herald Bldg.
Bluefield, W. Va.—Peery Bldg.
Boston, Mass.—Rice Bldg.
Buffalo, N. Y.—Ellicott Square Bldg.
Butte Mont.—Mont. Elec. Co. Bldg.
Casper, Wyo.—Turner Cottman Bldg.
Charleston, W. Va.—Kanawha Nat'l Bank Bldg.
Charlotte, N. C.—West. Elec. Bldg.
Chattanooga, Tenn.—Tennessee Elec. Power Bldg.
Chicago, Ill.—111 W. Washington St.
Cincinnati, O.—West. Elec. Bldg.
Cleveland, O.—West. Elec. Bldg.
Columbus, O.—Interurban Term. Bldg
Dallas, Tex.—Magnolia Bldg.
Davenport, Ia.—Central Office Bldg.
Dayton, O.—Realty Bldg.
Denver, Colo.—Gas & Electric Bldg.
Des Moines, Ia.—Equitable Bldg.
Detroit, Mich.—West. Elec. Bldg.
Duluth, Minn.—Bradley Bldg.
Elmira, N. Y.—Hulett Bldg.
El Paso, Tex.—Mills Bldg.
Erie, Pa.—1015 State St.
Fresno, Cal.—Griffith-McKenzie Bldg.
Grand Rapids, Mich.—Kelsey Bldg.
Hartford, Conn.-U.S. Security Tr. Bldg
Houston, Tex.—Union Nat'l Bk. Bldg.
Huntington, W. Va.—Westinghouse Elec. Bldg.
Indianapolis, Ind.—West. Elec. Bldg.
Jackson, Mich.—Peoples Nat. Bk. Bldg
Jacksonville, Fla.—Union Term Bldg.
Kansas City, Mo.—West. Elec. Bldg.
Los Angeles, Cal.—West. Elec. Bldg.
Louisville, Ky.—M. E. Taylor Bldg.
Memphis, Tenn.—Exchange Bldg.
Miami, Fla.—Coolidge Bldg.
Milwaukee, Wis.—1st Nat'l Bk. Bldg.
Minneapolis, Minn.-N. W. Term.
Newark, N. J.—40 Clinton St.
New Haven, Conn.—Liberty Bldg.
New Orleans, La.—Maison-Blanche Bldg.
New York, N. Y.—150 Broadway.
Niagara Falls, N. Y.—Gluck Bldg.
Norfolk, Va.—Natl. Bk. Com. Bldg.
Oklahoma City, Okla.—Tradesmen's Natl. Bk. Bldg.
Omaha, Neb.-Woodmen of World Bldg
Philadelphia, Pa.—West. Elec. Bldg.
Phoenix, Ariz.—Luhrs Bldg.
Pittsburgh, Pa.—Chamber of Commerce Bldg.
Portland, Ore.—Porter Bldg.
Providence, R. I.—393 Harris Ave.
Pueblo, Col.—Central Block Bldg.
Richmond, Va.—Va. Ry. & Power Bldg
Rochester, N. Y.-Commerce Bldg.
St. Louis, Mo.—West. Elec. Bldg.
Salt Lake City, Utah—Interurban Term. Bldg.
San Antonio, Tex.—Frost Nat'l Bank Bldg.
San Francisco, Cal.—1st Nat'l Bk. Bldg
Seattle, Wash.—West. Elec. Bldg.
Spokane, Wash.—Old Natl. Bk. Bldg.
Springfield, Mass.—395 Liberty St.
Syracuse, N. Y.—University Bldg.
Tacoma, Wash.—Rust Bldg.
Tampa, Fla.—417 Ellamae Ave.
Toledo, O.—Ohio Bldg.
Tulsa, Okla.—Mid-Continent Bldg.
Washington, D. C.—Hibbs Bldg.
Wilkes-Barre, Pa.—Miners' Bank Bldg
Worcester, Mass.—Park Bldg.
Youngstown, O.—Home Sav. & Loan Bldg.

J. P. Alexander, Br. Mgr.....New Haven, Conn
C. E. Allen, Dist. Mgr.....St. Louis, Mo
M. D. Anderson.....Grand Rapids, Mich
John Andrews, Jr., Dist. Mgr.....Detroit, Mich
S. M. Anson.....Worcester, Mass
C. V. Aspinwall.....Spokane, Wash
F. Auld.....Charleston, W. Va
W. W. Ballew, Br. Mgr.....Atlanta, Ga
R. J. Barker.....Rochester, N. Y
S. W. Barnes, Br. Mgr.....Jackson, Mich
J. C. Boesch, Br. Mgr. Chattanooga, Tenn
J. C. Bradley.....Syracuse, N. Y
L. C. Bullington, Dist. Mgr. Cincinnati, O
L. M. Cargo, Dist. Mgr.....Denver, Colo
R. F. Castner, Br. Mgr.....Des Moines, Ia

(*Continued on following page.*)

WESTINGHOUSE ELECTRIC & MFG. CO.—Cont'd.
H. H. Caughlan, Br. Mgr., Des Moines, Ia
H. A. Coles, Dist. Mgr .....Atlanta, Ga
F. P. Colville.....Dayton, O
G. H. Cox, Dist. Mgr.....Boston, Mass
E. C. Delano.....Springfield, Mass
J. A. Dinwiddie, Br. Mgr.....Toledo, O
M. L. Donaldson, Br. Mgr. Houston, Tex
J. McA. Duncan, Dist. Mgr. Pittsburgh, Pa
L. G. Fear, Br. Mgr.....Portland, Ore
L. V. Fickel.....Casper, Wyo
Thos. Fuller, Br. Mgr....Charlotte, N.C
Jno. Gelzer, Br. Mgr. Birmingham, Ala
Geo. S. Gillispie, Br. Mgr. Kansas City, Mo
L. A. Goalby.....San Antonio, Tex
Don Graze.....Jacksonville, Fla
F. G. Healy.....Hartford, Conn
C. E. Heise, Dist. Mgr. San Francisco, Cal
C. A. Huebner.....Erie, Pa
H. H. Hughes.....Fresno, Cal
J. M. Ireland, Br. Mgr.....Cleveland, O
R. L. Irvin.....Davenport, Ia
Wm. Ives.....Norfolk, Va
Louis Jacoby, Br. Mgr.....Dallas, Tex
H. D. James, Br. Mgr. Indianapolis, Ind
W. F. James, Dist. Mgr. Philadelphia, Pa
D. L. Johnston.....Tulsa, Okla
W. C. Maddox.....Duluth, Minn
M. J. Mallery.....Memphis, Tenn
W. R. Marshall, Br. Mgr...Buffalo, N. Y
O. P. McCord, Br. Mgr. New Orleans, La
W. D. McDonald, Dist. Mgr. Seattle, Wash
W. C. McGraw....Oklahoma City, Okla
W. I. Moore.....Youngstown, O
Chas. Morgan, Jr., Br. Mgr. Omaha, Nebr
W. A. Moser, Br. Mgr. Salt Lake City, Utah
V. C. Moulton.....Pueblo, Colo
P. B. Munson.....Tacoma, Wash
J. B. Parks, Br. Mgr..Wilkes-Barre, Pa
C. G. Paulson.....Providence, R. I
W. O. Peale.....Richmond, Va
F. C. Reed, Br. Mgr..Huntington, W. Va
W. H. Simpson.....Albany, N. Y
W. E. Smith.....Bluefield, W. Va
H. M. Southgate, Dist. Mgr.....Washington, D. C
W. L. Southwell, Br. Mgr...Tampa, Fla
C. E. Stephens, Dist. Mgr. New York, N. Y
A. D. Stewart, Br. Mgr.....Butte, Mont
E. D. Stewart, Br. Mgr.....El Paso, Tex
Norman Stewart, Br. Mgr.....Minneapolis, Minn
H. O. Strawn.....Columbus, O
N. G. Symonds, Dist. Mgr...Chicago, Ill
E. A. Tilden.....Newark, N. J
K. E. Van Kuran, Dist. Mgr.....Los Angeles, Cal
H. B. Vidal.....Niagara Falls, N. Y
T. W. Voils.....Louisville, Ky
D. E. Webster, Br. Mgr. Milwaukee, Wis
J. O. West.....Elmira, N. Y
W. R. West.....Miami, Fla
W. G. Wilson.....Phoenix, Ariz
C. V. Woodward, Br. Mgr. Baltimore, Md

WHALL CO., C. H.,
170 Summer St., Boston, Mass
Chicago, Ill.—104 So. Michigan Ave.
Washington, D. C.—Woodward Bldg.
W. E. De Prez.....St. Louis, Mo
C. E. Knickerbocker...New York, N. Y
H. H. Moffitt.....Washington, D. C
B. W. Parsons.....St. Paul, Minn
C. B. Semple.....Chicago, Ill
F. R. Whall, Pres.....Boston, Mass

WHARTON JR. & CO., INC., WM.,
Easton, Pa
Boston, Mass.—Old South Bldg.
Chicago, Ill.—208 So. LaSalle St.
El Paso, Tex.—207 San Francisco St.
Montreal, Can.—285 Beaver Hall Hill.
New York, N. Y.—110 East 42d St.
Philadelphia, Pa.—Widener Bldg.
Pittsburgh, Pa.—Oliver Bldg.
San Francisco, Cal.—Ins. Exch. Bldg.
Salt Lake City, Utah—Walker Bk. Bldg.
Scranton, Pa.—Connell Bldg.
Walter H. Allen.....New York, N. Y
Victor Angerer, V.-Pres.....Easton, Pa
Jos. I. Doris.....Philadelphia, Pa
Chas. M. Griffith, Sales Mgr. Easton, Pa
D. P. Lamoreux.....Montreal, Can
Frank H. Lehecka.....Chicago, Ill
J. A. MacFadyen.....Scranton, Pa
R. C. McCloy.....Philadelphia, Pa
H. F. McDermott.....Chicago, Ill
P. W. Porter.....Salt Lake City, Utah
J. R. Smith.....Pittsburgh, Pa
Chas. N. Shaffner.....New York, N. Y
Herbert B. Wolcott.....El Paso, Tex
Chas. N. Wood.....Boston, Mass
G. V. Wood.....San Francisco, Cal

WHEEL TRUING BRAKE SHOE CO.,
219 Tuxedo Ave., Detroit, Mich
J. M. Griffin, Pres. & G.M.. "

WHEELING STEEL CORP.,
Wheeling, W. Va
Atlanta, Ga.—Healy Bldg.
Boston, Mass.—Mass. Tr. Bldg.
Chicago, Ill.—122 So. Michigan Ave.
Cincinnati, O.—Union Tr. Bldg.
Cleveland, O.—10608 DuPont Ave.
Dallas, Tex.—Kirby Bldg.
Detroit, Mich.—Book Bldg.
Evanston, Ill.—2149 Sherman Ave.
Kansas City, Mo.—3341 Forrest Ave.
Los Angeles, Cal.—Washington Bldg.
New Orleans, La.—Whitney Central Bldg.
New York, N. Y.—120 Broadway.
Philadelphia, Pa.—15th & Chestnut Sts
St. Louis, Mo.—Boatman's Bk. Bldg.
San Francisco, Cal.—Rialto Bldg.
Seattle, Wash.—L. C. Smith Bldg.
H. O. Albrecht.....Cleveland, O
L. T. Banks.....Seattle, Wash
A. H. Dufort.....St. Louis, Mo
W. M. Hall.....Los Angeles, Cal
H. H. Hart.....Evanston, Ill
J. A. Henry.....Detroit, Mich
F. W. Knowles.....Wheeling, W. Va
L. J. Lowe.....Philadelphia, Pa
D. M. Montgomery....New Orleans, La
E. B. Pentz.....Kansas City, Mo
N. C. Reed.....Boston, Mass
A. F. Scherer.....Cincinnati, O
C. E. Scofield.....New York, N. Y
Henry E. Smith.....Atlanta, Ga
J. M. Sullivan.....Chicago, Ill
W. A. Taylor.....San Francisco, Cal
I. G. Thompson.....Dallas, Tex

WHITING CORPORATION,
15621 Lathrop Ave., Harvey, Ill
Buffalo, N. Y.—997 Ellicott Square.
Chicago, Ill.—80 E. Jackson Blvd.
Detroit, Mich.—650 W. Baltimore Ave
New York, N. Y.—136 Liberty St.
J. R. Bates.....New York, N. Y
R. H. Bourne, V.-Pres. & Sales Mgr.....Harvey, Ill
H. J. Hair..... "
R. S. Hammond.....Chicago, Ill
T. S. Hammond, Pres.....Harvey, Ill
W. R. Hans.....Buffalo, N. Y
N. S. Lawrence, V.-Pres. & Asst. Sales Mgr.....Harvey, Ill
A. H. McDougall, Conslt. Eng. "
D. Polderman.....New York, N. Y
R. E. Prussing.....Detroit, Mich
L. D. Reed.....Chicago, Ill
J. H. Whiting, Chmn.....Harvey, Ill

WHITING, JOHN L.—J. J. ADAMS CO.
690-710 Harrison Ave., Boston, Mass
Edw. M. Hill, V.-Pres. & Sec. "
Henry H. Hill, Pres..... "
Chas. A. Sawin, Treas..... "

WICKES BROS., Saginaw, Mich.
Buffalo, N. Y.—7 Ashland Ave.
Detroit, Mich.—6505 Grand River Ave.
Los Angeles, Cal.—1418 Santa Fe Ave.
Milwaukee, Wis.—1738 19th St.
New Orleans, La.—633 Carondelet St.
New York, N. Y.—25 Church St.
San Francisco, Cal.—75 Fremont St.
Seattle, Wash.—White-Henry Bldg.
P. M. Brotherhood.....New York, N. Y
P. M. Brotherhood, Jr.....Buffalo, N. Y
M. D. Haire.....Seattle, Wash
L. G. Henes..... { San Francisco, Cal / Los Angeles, Cal.
P. H. McArdle.....New Orleans, La
D. E. Morand.....Detroit, Mich
Paul Sladky.....Milwaukee, Wis

WIEBUSCH & HILGER, LTD.,
108 Lafayette St., New York, N. Y
L. M. Hann, East'n Sales Mgr. "

WILLIAMS CO., LACEY,
Hanna Bldg., Cleveland, O
Chicago, Ill.—53 W. Jackson Blvd.
New York, N. Y.—Grand Central Term.
E. A. Callanan.....Cleveland, O
Clarence S. Fox.....Oak Harbor, O
Henry A. Wight.....New York, N. Y
Guilford S. Wood.....Chicago, Ill

WILLIAMS, WHITE & CO., Moline, Ill.
Chicago, Ill.—53 W. Jackson Blvd.
Detroit, Mich.—250 Cortland Ave.
New York, N. Y.—30 Church St.
Pittsburgh, Pa.—Commonwealth Bldg
H. Ainsworth.....Moline, Ill
J. B. Hill.....Detroit, Mich
C. H. Holbrook.....New York, N. Y
J. E. Maynard.....Chicago, Ill
H. H. Rogers.....Moline, Ill
Frank Ryman.....Pittsburgh, Pa

WILLIAMSPORT WIRE ROPE CO.,
Williamsport, Pa
Chattanooga, Tenn.—1412 Cowart St.
Chicago, Ill.—122 So. Michigan Ave.
Cleveland, O.—1535 E. 38th St.
Cincinnati, O.—3575 Edwards Rd.
Philadelphia, Pa.—Delaware Ave. & Bainbridge St.
Pittsburgh, Pa.—332 First Ave.
Portland, Ore.—403 E. 16th St., No.
Tacoma, Wash.—Tacoma Bldg.
C. N. Abbott.....Los Angeles, Cal
Jas. K. Bruner.....Pittsburgh, Pa
W. F. Brunotte.....Cleveland, O
J. C. Crowell.....Philadelphia, Pa
E. P. Gavin.....Denver, Col
V. K. Glidden.....Pittsburgh, Pa
Jas. H. Harden.....Minneapolis, Minn
Hugh Hurlow.....Tacoma, Wash
Geo. Lahusen.....Cincinnati, O
E. N. Landry.....Chicago, Ill
L. A. Pierrong.....New York, N. Y
W. N. Rather.....New Orleans, La
P. B. Rhoades.....Cleveland, O
F. T. Saunders.....Chattanooga, Tenn
F. H. Smith.....Casper, Wyo
J. A. Thatcher.....Portland, Ore
H. L. Williams.....Chicago, Ill
H. C. Williamson..... "
F. E. Wittenberg..... "

WILSON CORPORATION, J. G.,
General Offices,
11 E. 38th St., New York, N. Y
Atlanta, Ga.—Candler Bldg.
Baltimore, Md.—Munsey Bldg.
Boston, Mass.—80 Boylston St.
Buffalo, N. Y.—Fidelity Bldg.
Chicago, Ill.—332 So. Michigan Ave.
Cleveland, O.—Union Bldg.
Dallas, Tex.—Santa Fe Bldg.
Los Angeles, Cal.—645 Imperial St.
Philadelphia, Pa.—1600 Walnut St.
Pittsburgh, Pa.—Martin Blg.
Richmond, Va.—R. E. Exchange Bldg.
Roanoke, Va.—MacBain Bldg.
St. Louis, Mo.—Chemical Bldg.
San Francisco, Call—Call Bldg.
J. S. Archer.....Richmond, Va
H. H. Charles.....Pittsburgh, Pa
L. D. Coates.....San Francisco, Cal
A. H. Dodge.....New York, N. Y
Geo. Dodge.....Chicago, Ill
E. Doscher.....New York, N. Y
R. B. Emmons.....Los Angeles, Cal
A. J. Higson.....New York, N. Y
C. C. Jacob.....Roanoke, Va
H. A. Johnson.....Norfolk, Va
Chas. Maisey.....Dallas, Tex
L. H. Myrick.....Philadelphia, Pa
W. D. Shumway.....Buffalo, N. Y
V. C. Smith.....Baltimore, Md
G. E. Snedeker.....Cleveland, O
J. A. Stryker.....Boston, Mass
J. M. Van Harlingen.....Atlanta, Ga
W. E. Way.....St. Louis, Mo
N. G. Wilson.....Norfolk, Va

WILSON-IMPERIAL CO.,
115 Chestnut St., Newark, N. J
Chas. A. Beaumont.....Decatur, Ill
D. J. Giles.....Newark, N. J
J. B. Shaughnessy.....Chicago, Ill
Frank Sherritt..... "

WINE RY. APPLIANCE CO., Toledo, O
Chicago, Ill.—122 So. Michigan Ave.
Washington, D. C.—Munsey Bldg.
W. F. Cremean.....Toledo, O
E. H. Fisher..... "
Cyrus Hankins .....Washington, D. C
C. J. Holland.....Chicago, Ill
R. F. Tillman.....Toledo, O
W. E. Wine..... "

WOLFE BRUSH CO.,
Pennsylvania Ave. & Bidwell St., N. S., Pittsburgh, Pa
Chicago, Ill.—3754 So. Michigan Ave.
New York, N. Y.—5 E. 42nd St.
R. H. Blackall. .....New York, N. Y
Dickson K. Coyle.....Pittsburgh, Pa
S. W. Hall.....Chicago, Ill
E. F. Johnston. Sec. & Gen. Sales Mgr.....Pittsburgh, Pa
S. L. Lang, V.-Pres. & Treas. "
W. R. Rayburn..... "
E. N. Roos ..... "
C. H. Struble, Western Sales Mgr.....Chicago, Ill
J. R. Warnock.....Pittsburgh, Pa
Chas. E. Willock. Pres.. "
E. F. Wilson..... "

WOOD & CO., R. D.,
400 Chestnut St., Philadelphia, Pa
T. S. Goslin..... "
G. C. Heilman..... "
Chas. A. Schranz..... "
J. R. Sheppard..... "

WOOD CO., GUILFORD S.,
705 So. Dearborn St., Chicago, Ill
New York, N. Y.—30 Church St.
P. C. Cady.....New York, N. Y
R. W. Preikschat.....Chicago, Ill
W. R. Weinschenk..... "
G. S. Wood..... "

WOOD CONVERSION CO.,
310 So Michigan Ave., Chicago, Ill
D. H. Corlette..... "
A. H. Purdom..... "

WOOD IRON & STEEL CO., ALAN,
Widener Bldg., Philadelphia, Pa
Boston, Mass.—141 Milk St.
Dallas, Tex.—Santa Fe Bldg.
Los Angeles, Cal.-San Fernando Bldg.
New York, N. Y.—50 Church St.
San Francisco, Cal.—444 Market St.
Seattle, Wash.—Dexter-Horton Bldg.
A. B. Ambler.....San Francisco, Cal
A. G. Beal.....Boston, Mass
C. M. Crookshank.....Dallas, Tex
W. H. Dickson.....Philadelphia, Pa
P. L. Francis.....Seattle, Wash
A. E. Garnjost.....Los Angeles, Cal
C. O. Hadly.....Philadelphia, Pa
W. S. Haring..... "
Norman Huston.....New York, N. Y
J. R. Jones.....Philadelphia, Pa
F. C. Milliken..... "
H. H. Neel..... "
Le Roy Richards..... "
I. M. Smith..... "
L. S. Thomson..... "
W. H. Van Vleck.....New York, N. Y
M. L. Wagner.....Philadelphia, Pa

WOOD SHOVEL & TOOL CO.,
Piqua, O
Boston, Mass.—53 Oliver St.
New York, N. Y.—50 Church St.
St Louis, Mo.—Arcade Bldg.
San Francisco, Cal.—1495 Market St.
D. M. Bell.....Dallas, Tex
R. E. Bell..... .....St. Louis, Mo
C. L. Butts.....Piqua, O
H. L. Gilliam .....New York, N. Y
W. L. Hughson.....San Francisco, Cal
A. L. Meredith.....Chattanooga, Tenn
Chas. H. Sherburne.....Boston, Mass
H. C. Whitney.....Piqua, O
F. G. Wigmore.....San Francisco, Cal

WOODMAN RY. SUPPLY CO.,
80 E. Jackson Blvd., Chicago, Ill
New York, N. Y.—15 Park Row.
E. H. Benners.....New York, N. Y
A. M. Talbot.....Chicago, Ill
A. M. Tufts..... "
G. A. Woodman..... "

WOODS & CO., EDWIN S.,
230 So. Clark St., Chicago, Ill
Detroit, Mich.—Penobscot Bldg.
Montreal, Que.—Transportation Bldg
G. S. Crawford.....Chicago, Ill
Harry W. Frost.....Detroit, Mich
W. J. Hyman.....Montreal, Que
E. G. Jackson..... "
H. M. Perry.....Chicago, Ill
J. J. Quinn..... "
W. B. Ross..... "
W. R. Walters..... "
A. G. Welch..... "
A. C. Yandel..... "

WOOLERY MACHINE CO.,
29th & Como Ave., S. E., Minneapolis, Minn
Washington, D. C.—Munsey Bld.
C. E. Berg, Sec.....Minneapolis, Minn
Wm. S. Miller.....Newton, Ia
J. T. Stephenson.....Washington, D. C
Chas. Tamborrino..Minneapolis, Minn
D. A. Woolery, V.-Pres. "
H. E. Woolery, Pres... "

WORTHINGTON PUMP AND MACHINERY CORPORATION,
115 Broadway, New York, N. Y.
Atlanta, Ga.—Wynne Claughton Bldg
Birmingham, Ala—1725 First Ave.
Boston, Mass.—Boston Safe Dep. Bldg
Buffalo, N. Y.—Iroquois Bldg.
Chicago, Ill.—Old Colony Bldg.
Cincinnati, O.—First Nat. Bk. Bldg.
Cleveland, O.—Rockefeller Bldg.
Denver, Col.—435 17th St.
Detroit, Mich.—Majestic Bldg.
El Paso, Tex.—Mills Bldg.
Kansas City, Mo.—Scarritt Bldg.
Los Angeles, Cal.—2424 Enterprise St.
Philadelphia, Pa.—No. American Bldg
Pittsburgh, Pa.—Oliver Bldg.
St. Louis, Mo.—Laclede Gas Bldg.
San Francisco, Cal.—Sharon Bldg

(Continued on following page.)

WORTHINGTON PUMP & MACHY. CORP.—Cont'd.
Seattle, Wash.—L. C. Smith Bldg.
Washington, D. C.—Homer Bldg.
W. N. Agnew.....New York, N. Y
J. E. Buckingham.....St. Louis, Mo
J. N. Buese.....Denver, Co
E. C. Butner..... { Atlanta, Ga / Birmingham, Ala
C. P. Coleman, Pres. ..New York, N. Y
D. R. Coleman, Heater Dept..... "
Wm. E. Doll.....St. Louis, Mo
W. P. Eichbaum....San Francisco, Cal
P. B. Fenlon.....Washington, D. C
L. P. Feustman, V.-Pres..New York, N.Y
E. T. Fishwick, V.-Pres.. "
Geo. W. Galbraith.....Cincinnati, O
W. Goodman, V.-Pres..New York, N. Y
F. I. Kemp.....Kansas City, Mo
A. J. Klug.....Cleveland, O
Henry Laidlaw.....Detroit, Mich
J. M. Lammedee, Heater Dept.....Chicago, Ill
J. B. Lampman.....Los Angeles, Cal
T. C. McBride, Mgr. Heater Dept.....Philadelphia, Pa
H. H. Miller.....Cincinnati, O
W. S. Montgomery.....New York, N. Y
C. B. Moore.....Boston, Mass
J. G. Murphy.....El Paso, Tex
R. L. Radcliffe.....Philadelphia, Pa
J. D. Rankin.....Salt Lake City, Utah
E. D. Schively.....Seattle, Wash
C. C. Scott.....Buffalo, N. Y
J. J. Summersby.....St. Paul, Minn
H. E. Troutman.....Chicago, Ill
C. E. Wilson, Gen. Sales Mgr.....New York, N.Y
W. O. Wilson.....Pittsburgh, Pa

WOVEN STEEL HOSE & RUBBER CO.,
Trenton, N. J
Montreal, Can.—25 St. Antoine St.
St. Louis, Mo.—Ry. Exchange Bldg.
St. Paul, Minn.—116 E. 4th St.
Toronto, Can.—342 Adelaide St., West
Vancouver, B.C.—542 Pender St., West
Winnipeg, Can.—150 Princess St.
A. Allen.....Montreal, Can
D. M. Brown.....Toronto, Can
D. S. Guild.....St. Louis, Mo
F. Scott.....Vancouver, B. C
J. D. Scott.....Winnipeg, Can
Horace B. Tobin.....Trenton, N. J
Ralph W. Tobin..... "
Donald M. Wesbrook....Montreal, Can
J. C. Wilson.....St. Paul, Minn

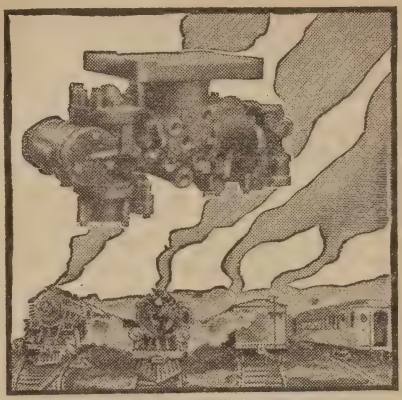
WYOMING SHOVEL WORKS,
Wyoming, Pa
Atlanta, Ga.—Healey Bldg.
Chicago, Ill.—6 No. Michigan Ave.
Cleveland, O.—Rockefeller Bldg.
El Paso, Tex.—Martin Bldg.
Houston, Tex.—2nd Nat'l Bk. Bldg.
Kansas City, Mo.—514 East 44th St.
Minneapolis, Minn.—423 S. 5th St.
New York, N. Y.—141 Centre St.
Philadelphia, Pa.—Penna Bldg.
Pittsburgh, Pa.—Fulton Bldg.
Richmond, Va.—Mutual Bldg.
St. Louis, Mo.—Security Bldg.
San Francisco, Cal.—1201 Sixth Ave.
Spokane, Wash.—1118 Ide Ave.
L. F. Braden.....Pittsburgh, Pa
N. E. Brooks.....New York, N. Y
C. H. Broward.....Atlanta, Ga
H. G. Ferris.....Spokane, Wash
J. W. Foyle.....Kansas City, Mo
M. S. Hendrickson.....Chicago, Ill
C. S. Jordan.....San Francisco, Cal
Joseph F. Leonard.....Richmond, Va
J. G. Miller.....St. Louis, Mo
C. E. Naylor.....Houston, Tex
H. T. Potter, Gen. Mgr. of Sales.....Wyoming, Pa
E. L. Ruby.....Philadelphia, Pa
S. H. Smith..... { Chicago, Ill / Cleveland, O
F. Wagner.....El Paso, Tex
W. C. Wright.....Philadelphia, Pa
Wm. H. Ziegler.....Minneapolis, Minn

YALE & TOWNE MFG. CO.,
Stamford, Conn
Chicago, Ill.—158 West Lake St.
V. E. Baum.....Dallas, Tex
W. C. Bigelow.....Stamford, Conn
W. W. Brasier..... "
Herbert Butler..... "
E. H. Fairchild.....Cleveland, O
H. J. Fuller.....Stamford, Conn
R. L. Higgins.....Philadelphia, Pa
R. H. Irwin.....Chicago, Ill
C. H. Moeller.....Pittsburgh, Pa
J. C. Morgan.....Stamford, Conn
C. H. Pearson.....San Francisco, Cal
H. S. Pierson.....Boston, Mass
W. F. Smith.....Chicago, Ill
J. F. Stoldt.....Stamford, Conn
C. B. Veit.....New York, N. Y
Wm. Waring.....Montreal, Que
H. A. White.....Philadelphia, Pa
R. E. Wilson.....New York, N. Y

YOUNG MFG. CO., CHAS. C., THE
217 Locust St., Jersey Shore, Pa.
G. C. Billman, Pres.... "

YOUNG MFG. CO., R. W.,
111 W. Monroe St., Chicago, Ill
New York, N.Y.—Grand Central Term
E. R. Mason.....New York, N.Y
R. W. Young.....Chicago, Ill
R. W. Young, Jr..... "

YOUNGSTOWN STEEL DOOR CO.,
The Arcade, Cleveland, O
Chicago, Ill.—80 E. Jackson Blvd.
New York, N. Y.—2 Rector St.
F. A. Barbey, East. Repr..Boston, Mass
A. S. Barrows, West. Repr.....Los Angeles, Cal
L. O. Cameron, So. Repr.....Washington, D. C
J. A. Campbell, Pres....Youngstown, O
F. Ditchfield, Sales Eng...Cleveland, O
H. H. Henricks, Sales Eng...Chicago, Ill
J. P. McWilliams, V.-Pres. & Gen Mgr.....Cleveland, O
C. B. Moore, V. Pres.....Chicago, Ill
A. J. Singer, V.-Pres....New York, N. Y
C. H. Williamson, Sales Eng.....Cleveland, O



"Build with the Railroads"

Westinghouse
Equipment has
been standard
for 50 years.

Westinghouse Air Brake Co.

General Office and Works,
Wilmerding, Pa.

LIST OF RAILROAD COMPANIES.

[For alphabetical list of names see department headed "Alphabetical List of Officials."]

The number prefixed to the name of each Company will be used in several tables of this book to indicate such Company.

All Railroads listed are Common Carriers engaged in a general Freight or Passenger business.

Mileage shown represents miles of road operated, including main line and branches (Exclusive of sidings and second track), except mileage for Terminals, which includes mileage of all tracks operated. The gauge is standard, 4 ft. 8½ in., unless otherwise stated.

¶ Officer in charge of Purchase of Supplies.

§ Officer in charge of Car or Locomotive Painting.

★ Officer in charge of Mechanical Work, where the fact is not indicated by his title.

✠ Officer in charge of Engineering Work (including Signals), where the fact is not indicated by his title.

✪ Officer whose name is filed with the Interstate Commerce Commission as authorized to issue transportation.

We would call especial attention to the arrangement of data contained in the Pocket List of Railroad Officials. Please note that each list of officers is arranged in the following order:

EXECUTIVE, FINANCIAL AND LEGAL.
ACCOUNTING.
TRAFFIC AND CLAIM.
OPERATING AND TELEGRAPH.
PURCHASING.
MECHANICAL.
ENGINEERING, BRIDGES, ROADWAY AND SIGNALS.

Attention is also called to the fact that Private Car Companies are groupe immediately following the List of Railroad Companies.

1—ABERDEEN & ROCK FISH R. R. CO.
45 Mls, 4.9 G, 4 Loco, Cars: 5 Pass

✪W. A. Blue, Pres. & Gen. Mgr.....Aberdeen, N. C
H. J. Blue, 1 V.-Pres.... "
J. W. Graham, 2 V.-Pres. "
H. McC. Blue, Sec & Treas "
J. L. Rhyne, Aud. & Frt. Clm. Agt..... "
G. F. Dempsey, Traf. Mgr.....Fayetteville, N. C
¶ J. A. Bryant, Gen. Supt..Aberdeen, N. C
F. Lockey, Car Acct..... "
L. C. Lawhon, M. M..... "
J. A. Dezern, Rd. Mast....Raeford, N. C

2—ABILENE & SOUTHERN RY. CO., THE
96 Mls, 7 Loco, Cars: 72 Frt, 7 Pass, 1 Misc

M. Jones, Pres.....Abilene, Tex
¶★§P. Jones, V.-Pres..Supt., Car Acct. & Ch. Eng..... "
✪W. E. Kaufman, Sec. & Treas..... "
O. E. Flato, Aud..... "
J. B. Shackleford, G. F. & P. A. "

3—

4—AHNAPEE & WESTERN RY.
33 Mls, 3 Loco, Cars: 63 Frt, 4 Pass, 3 Misc

For officials see G. B. & W. R. R., No. 386.

5—AKRON & BARBERTON BELT R. R. CO.
23 Mls, 9 Loco, Cars: 1 Misc

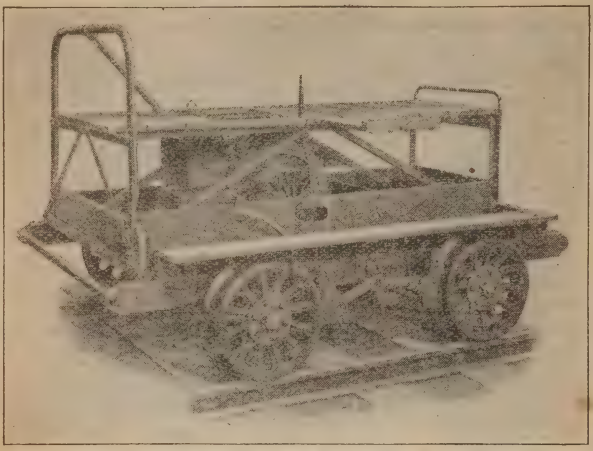
✪E. T. Whiter, Pres.....Pittsburgh, Pa
D. Willard, V.-Pres.....Baltimore, Md
S. H. Church, Sec.....Pittsburgh, Pa
T. H. B. McKnight, Treas. "
J. Hurst, Aud.....Philadelphia, Pa
¶★✠L. C. Groff, Supt.....Barberton, O

6—AKRON, CANTON & YOUNGSTOWN RY. CO., NORTHERN OHIO RY.
171 Mls, 24 Loco, Cars: 250 Frt, 5 Pass

¶✪H. B. Stewart, Pres.....Akron, O
J. C. Williams, V.-Pres. & Traf. Mgr "
A. L. Graner, V.-Pres. & Treas. "
P. J. Pahler, Sec..... "
S. J. Witt, G. F. & P. A..... "
J. M. Hood, Gen. Supt..... "
L. M. Eberhard, Supt..... "
J. P. Kiernan, Car Serv. Agt.. "
H. F. Grewe, Supt. M. P..... "
J. W. Kearney, Rd. For. Eng.. "
A. D. Bailey, Eng. M. W..... "
R. R. Bullard, Valua. Eng..... "
H. Y. Watkins, Rd. Mast..... "

7—ALABAMA & NO.-WESTERN R. R. CO.
25 Mls, 2 Loco, Cars: 2 Pass

J. T. Cochrane, Pres.....Mobile, Ala
★✠P. C. Byrne, V.-Pres. & Gen. Mgr.....Pine Hill, Ala
¶K. R. Guthrie, Treas. & Pur. Agt..... } Mobile, Ala.



Sheffield 44 Motor Car

MEETS THE DEMAND

Men who know section cars have proclaimed the "44" the leader of its class. They base their opinion not only on the perfected drive but on the many other evidences of advanced design—such as the fully accessible engine, the pressed steel auto type frame, and the exceptionally light weight considering the ruggedness of the car.

FAIRBANKS, MORSE & CO.

Manufacturers - - CHICAGO

7a—ALABAMA & VICKSBURG RY. CO., THE

142 Mls, 30 Loco, Cars: 993 Frt, 41 Pass, 155 Misc

L. A. Jones, Pres. & Gen. Mgr. } New Orleans, La.
¶ W. J. Kelleher, Asst. to Pres. & Pur. Agt ..... "
W. Brewer, Sec. ..... "
J. E. Cambias, Treas. ..... "
W. J. Baader, Asst. Sec. ..... "
H. H. LeRoy, Aud. ..... "
A. C. Flotte, Asst. Aud. ..... "
J. E. Schenck, Asst. Aud. ..... "
J. Blanc Monroe, Gen. Coun. ..... "
E. M. Tutwiler, Jr., Land Comr. ..... Birmingham, Ala
C. S. Doyle, Ch. Chm. Agt., Vicksburg, Miss
A. J. Chapman, Frt. Traf. Mgr. } New Orleans, La.
H. J. Niemann, G. F. A. .....
J. D. Youman, Asst. G. F. A. .. "
W. J. Tremaine, Asst. G. F. A. .. "
J. F. Hardin, Asst. G. F. A. } Vicksburg, Miss.
C. F. Woods, G. P. A. .....
R. L. Fuqua, Asst. G. P. A. .. "
J. C. Stamm, Asst. Gen. Mgr. ..... New Orleans, La
W. R. Kirk, Supt. ..... } Vicksburg, Miss.
H. B. Sargent, Supt. Trans.
L. J. Podesta, Supt. Din. Car Serv. ..... "
L. B. Ferguson, Supt. M. P. Monroe, La
P. B. Jeffries, Ch. Eng. New Orleans, La
H. J. Rhodes, Eng. Maint. Vicksburg, Miss
C. E. Earhart, Sig. Eng. .... "

7b—ALABAMA CENTRAL R. R. CO.

13 Mls, 1 Loco, Cars: 1 Pass

Chicago address, 112 W. Adams St.

L. L. Loehr, Pres. ..... Chicago, Ill
¶ ★✠✪ L. C. Britton, Gen. Mgr. Jasper, Ala

7c—ALABAMA CENTRAL RY.

8 Mls, 2 Loco, Cars: 1 Pass

W. F. Thetford, Pres. & Gen. Coun. ..... } Montgomery, Ala.
J. B. Jones, V.-Pres. .....
W. L. Webster, Sec. & Aud. .... "
¶ ★✠✪ J. P. Dimmick, Gen. Mgr. & Treas. ..... "

7d—ALABAMA, FLORIDA & GULF R. R CO. 32 Mls, 2 Loco, Cars: 1 Frt, 1 Pass

Receivers appointed June 3, 1924.

W. W. Beall, Recr. .. .. Malone, Fla
R. D. Crawford, Recr. ..... Dothan, Ala
¶ H. H. Hill, Gen. Mgr., Aud. & Traf. Mgr. ..... "

7e—ALABAMA GREAT SOUTHERN R. R. CO. *See So. Ry. Sys., No. 927.*

7f—ALABAMA NORTHERN RY. CO. *See Ashland Ry. Co., No. 38a.*

8—ALABAMA, TENNESSEE & NORTHERN R. R. CORP.

*186 Mls, 20 Loco, Cars: 418 Frt, 13 Pass, 21 Misc

Mobile address, Meaher Bldg.

New York address, 160 Broadway.

✠✪ J. T. Cochrane, Pres. ..... } Mobile, Ala.
¶ K. R. Guthrie, Asst. to Pres. & Treas. .....
L. V. Bright, V.-Pres. .... New York, N.Y
I. H. Lehman, V.-Pres. & Gen. Coun. ..... "
H. A. Smith, V.-Pres. .... Hartford, Conn
E. A. Carstens, Sec. ..... Mobile, Ala
J. F. McNamara, Asst. Sec. New York, N.Y
W. H. Armbrecht, Gen. Atty. } Mobile, Ala.
A. H. Guest, Aud. .....
E. C. Ash, Asst. G. F. A. ..... "
A. J. Shelly, Frt. Clm. Agt. ..... "
J. A. Caviezel, Gen. Mgr. ..... "
J. T. Cochrane, Jr., Gen. Exec. Agt. "
J. A. Sauce, Supt. Car Serv. ..... "
§ G. C. Nichols, Supt. ..... York, Ala
C. E. Fleming, Str. Kpr. ..... "
G. Dempster, M. M. ..... "
W. Toxey, Ch. Eng ..... Mobile, Ala
S. H. Carrol, Rd. Mast. ..... York, Ala

—† ALAMOGORDO & SACRAMENTO MOUNTAIN RY.

See El Paso & So'western R.R.Co., No. 317.

9—ALASKA R. R., THE

566 Mls, 4 8½ G, 44 Mls, 3 G, 33 Loco, Cars: 925 Frt, 35 Pass, 92 Misc

H. Work, Sec. of Int. Washington, D.C
N. W. Smith, Gen. Mgr. ... } Anchorage, Alaska.
H. Horn, Asst. Gen. Mgr.
J. T. Cunningham, Supt. Trans. "
Dr. A. D. Haverstock, Ch. Surg. "
Dr. J. H. Romig, Surgeon .... "
Dr. F. De la Vergne, Asst. Surg. ..... Fairbanks, Alaska
¶ C. E. Dole, Gen. Pur. } Bell St. Term., Seattle, Wash
Agt. .....
D. W. Metzdorf, Act. Gen. } Anchorage, Alaska.
Str. Kpr. .....
R. H. Hale, Supt. M. P. & Equip. ..... "
C. H. Holmes, Brdg. Eng. .... "

ROAD MASTERS.

G. W. Colwell ..... Tunnel, Alaska
J. J. Donovan ..... Nenana, Alaska
A. N. Madsen ..... Anchorage, Alaska
H. Madsen ..... Healy, Alaska

10—

11—ALBANY SOUTHERN R. R. CO. (Electric).

See Eastern N.Y. Utilities Corp., No. 309a.

11a—ALBERTA & GREAT WATERWAYS RY. CO.

296 Mls, 5 Loco, Cars: 139 Frt, 12 Pass (including 2 Motors)

LACOMBE & NORTH-WESTERN RY. CO.

48 Mls, 2 Loco, Cars: 8 Frt, 3 Pass (including 1 Motor)

J. E. Brownlee, Pres. ..... } 616 McLeod Bldg., Edmonton, Alta.
V. W. Smith, V.-Pres.
¶ ✪ J. Callaghan, Gen. Mgr.
G. McLennan, M. M. ..... "
C. R. Crysdale, Asst. Eng. ... "
C. Erickson, Rd. Mast. ..... "

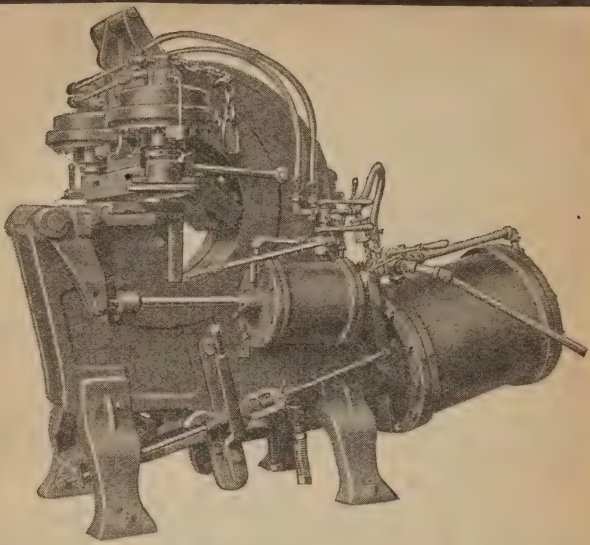
12—ALCOLU R. R. CO.

25 Mls, 3 Loco, Cars: 3 Pass

✠✪ R. J. Alderman, Pres. ..... Alcolu, S.C
¶ ★ P. R. Alderman, V.-Pres. Gen. Mgr. & Traf. Mgr. .... "

12a—ALEXANDER & EASTERN R. R.

Abandoned 1925.



"McCabe"

Pneumatic Flanging Machine

½" — ¾"

Plate

Cold Flanging Capacity

A Method
A Machine

McCABE MFG. CO.

Lawrence, Massachusetts, U. S. A.

13—ALEXANDRIA & WESTERN RY. CO.
Abandoned June, 1925.

14—ALGOMA CENTRAL & HUDSON BAY RY. CO.
332 Mls, 22 Loco, Cars: 1049 Frt, 15 Pass, 91 Misc
R. H. Smith, Pres.....Toronto, Ont
✪G. A. Montgomery, V.-Pres. & Gen. Mgr.....Marie, Ont
E. B. Barber, Compt..... "
R. E. King, Asst. Compt..... "
J. M. Alton, Treas..... "
H. Hoodless, Aud. Traf. Accts. "
H. J. Herrold, G. F. & P. A.. "
R. S. McCormick, Gen. Supt. & Ch. Eng..... "
S. Worth, Supt..... "
W. M. Hugill, Supt. C. S..... "
¶F. W. Acheson, Pur. Agt..... "
J. A. De Forge, Str. Kpr..... "
M. P. Hayes, Stationery Agt. "
C. D. Rafferty, M. M..... "
§ E. Hirst, Car For..... "
C. H. E. Rounthwaite, Office Eng..... "
L. C. Maxwell, Eng. M. W.... "
T. A. Hall, Rd. Mast..... "
W. F. McDermott, Rd. Mast..Franz, Ont

14a—ALGOMA EASTERN RY. CO., THE
87 Mls, 8 Loco, Cars: 382 Frt, 6 Pass, 7 Misc
G. A. Montgomery, Pres.....Sault Ste.
W. C. Franz, V.-Pres.....Marie, Ont
A. Taylor, Sec.....Toronto, Ont
J. M. Alton, Treas.....Sault Ste.
E. B. Barber, Compt.....Marie, Ont
H. Hoodless, Aud. Traf. Accts. "
W. M. Hugill, Supt. C. S..... "
J. P. Mader, G. F. & P. A..Sudbury, Ont
★F. M. Donegan, Supt. .... "
¶H. P. McKeown, Pur. Agt. "
§ J. Wilson, Car For..... "
O. Aubin, Rd. Mast..... "

15—ALIQUIPPA & SOUTHERN R.R. CO
27 Mls, 14 Loco, Cars: 476 Frt, 8 Misc
✠C. D. O'Connor, Supt. & M. C. B.....Woodlawn, Pa
For executive officials see Monongahela Connecting R. R., No. 635.

16—ALLEGHENY & SOUTH SIDE RY.
3 Mls, 3 Loco, Cars: 5 Frt
Pittsburgh address, 10th & Muriel Sts.
H. Oliver, Pres.....Pittsburgh, Pa
J. Jenkins, Sec..... "
R. Theophilus, Treas..... "
✠F. M. Turner, Gen. Supt. & Traf. Mgr..... "
¶C. E. Black, Pur. Agt..... "
J. Dahlstrom, M. M..... "

17—ALMA & JONQUIERE RY. CO.
11 Mls, 1 Loco, Cars: 5 Frt, 2 Pass
W. S. Lee, Pres.....Charlotte, N. C
¶✠F. H. Cothran, V.-Pres. & Gen. Mgr.....Isle Maligne, Lake St John, Que.
A. G. Naud, Sec. & Treas. "
T. J. Butler, Gen. Aud... "
S. F. MacDougald, M. M.. "

18—ALTON & EASTERN RAILROAD CO. 40 Mls, 2 Loco, Cars: 4 Pass.
J. Duncan, Pres..... St. Louis, Mo.
W. M. Duncan, V.-Pres. Edwardsville, Ill.
S. D. Wheeler, Sec.....Alton, Ill
J. M. Duncan, Asst. Sec. Edwardsville, Ill
S. D. Wheeler, Treas., Aud. & G. F. & P. A... "
R. E. Campbell, Asst. Aud "
W. A. Fitzpatrick, Car Acct..... "
¶C. E. Bickel, Supt..... "
A. J. Herring, Asst. Supt.....Alton, Ill
N. T. Colgate, M. M....Edwardsville, Ill
W. A. Richardson, Ch. Eng. "
T. Goff, Rd. Mast..... "

19—ALTON & SOUTHERN R. R.
22 Mls, 8 Loco, Cars: 12 Misc
Pittsburgh address, Oliver Bldg.
✪C. B. Fox, Pres.....E. St. Louis, Ill
G. R. Gibbons, V.-Pres. & Sec.....Pittsburgh, Pa
R. E. Withers, Treas..... "
P. J. Urquhart, Aud..... "
E. Woodward, Traf. Mgr. St. Louis, Mo
T. H. Pindell, Gen. Mgr. E. St. Louis, Ill
¶J. S. Murray, Pur. Agt...Pittsburgh, Pa
J. W. Coulter, M M.....E. St. Louis, Ill
E. S. Fickes, Ch. Eng....Pittsburgh, Pa

20—AMADOR CENTRAL R. R. CO.
12 Mls, 2 Loco, Cars: 9 Frt, 2 Pass, 1 Misc
✪M. J. Erickson, Pres.....San Francisco, Cal
F. G. Athearn, V.-Pres..... "
¶★✠J. A. McPherson, Sec., Supt. & Traf. Mgr.....Martell, Cal

21—

22—AMERICUS & ATLANTIC R. R.
15 Mls, 1 Loco, Cars: 3 Misc.
11 miles additional under construction.
¶★✠J. S. Morton, Pres. & Gen. Mgr.....Byromville, Ga

22a—ANDALUSIA, FLORIDA & GULF RY. CO.
Operation discontinued Aug. 30, 1925.

23—ANGELINA & NECHES RIV. R. R. CO. 31 Mls, 1 Loco, Cars: 15 Frt, 3 Pass
✪J. H. Kurth, Pres.....Keltys, Tex.
¶✪E. Wiener, V.-Pres. & Gen. Mgr..... "
E. L. Kurth, V.-Pres. & Traf. Mgr. "
S. Wiener, Jr., V.-Pres..Shreveport, La
S. W. Henderson, Jr., Sec..... Keltys, Tex.
D. W. Thompson, Treas..... "
W. S. Scott, Aud. & G. F. & P. A. "
E. J. Mantooth, Gen. Attv..Lufkin, Tex
C. A. Smith, M. M.....Keltys, Tex
P. McKinney, Rd. Mast..... "

24—ANN ARBOR R. R. CO., THE
292 Mls, 51 Loco, Cars: 2,360 Frt, 34 Pass., 137 Misc
New York address, 120 Broadway.
St. Louis address, Ry. Exch. Bldg.
W. H. Williams, Ch. of Bd. New York, N. Y
✪J. E. Taussig, Pres.....St. Louis, Mo
N. S. Brown, V.-Pres. & Gen. Solr..... "
J. N. Newell, V.-Pres..... "

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

AMERICAN STEEL & WIRE COMPANY

CHICAGO NEW YORK CLEVELAND
PITTSBURGH DENVER

Woven Wire Fences—

For right of way and station grounds.

Springs—

Clock, Motor, Car, Furniture, Agricultural, Automobile, and all kinds of fine and heavy Springs.

American Wire Rope—

For every purpose. Also Locomotive Switching Rope. Ballast Unloader Cables. Cableways for excavating and grading. Suspension Bridge Cables.

Americore Electrical Wires, Amerite Signal Wire, Telegraph Wire, Pole Steps, Rail Bonds—

W & M Telegraph and Telephone Wire. Rail Bonds. Every Form of Bare and Insulated Wire for all Purposes. Lead-Encased Cables for Underground Work. Round and Shaped Trolley Wires.

Illustrated Catalogues Sent on Request

24—ANN ARBOR—Continued.
E. F. Blomeyer, V.-Pres. & Gen. Mgr.....Toledo, O
J. C. Otteson, V.-Pres., Sec. & Treas.....New York, N. Y
J. F. Cress, Aud.....Toledo, O
J. Goldbaum, Local Treas.... "
M. B. Nesmith, Gen. Clm. Agt.....Owosso, Mich
H. S. Bradley, Traf. Mgr.....Toledo, O
L. L. Shepard, Frt. Clm. Agt.. "
V. Parvin, Supt.....Owosso, Mich
R. H. Reynolds, Supt. Marine..... { Frankfort, Mich.
T. H. Hervey, Supt. Car Serv..Toledo, O
C. W. Patterson, Ch. of Police .....Owosso, Mich
¶C. Z. Hughes, Pur. Agt.....Toledo, O
C. V. Quigley, Str. Kpr...Owosso, Mich
G. F. Hess, Supt. M. P.....Decatur, Ill
J. Butler, M. M..... } Owosso, Mich.
W. F. Byerly, Rd. For. Eng... }
J. F. Lourimore, Gen. For. Mech. Dept..... "
G. Treacy, For. Car Dept..... "
F. J. Bishop, Eng. M. W..... "
T. B. Turnbull, Supt. B. & B. & Interloc..... "
C. Churchill, Rd. Mast..Ann Arbor, Mich
C. Pickering, Rd. Mast...Cadillac, Mich

24a—APACHE RY. CO., THE
73 Mls, 4 Loco, Cars: 7 Frt, 4 Pass, 40 Misc
W. M. Cady, Pres.....McNary, Ariz
T. G. Hawkins, Jr., V.-Pres. "
J. G. McNary, V.-Pres..... "
J. A. Robison, Sec. & Aud.. "
¶★O. J. DeLamotte, Gen. Supt. & Traf. Mgr..... "
W. W. Halliday, Ch. Eng... "

25—APALACHICOLA NORTHERN R.R. CO.
102 Mls, 8 Loco, Cars: 132 Frt, 14 Pass, 10 Misc
St. Louis address, 401 Locust St.
A. T. Perkins, Pres.....St. Louis, Mo
R. R. Tompkins, Asst. to Pres., Sec. & Treas..... "
R. J. Lockwood, V.-Pres... "
✪B. Snyder, V.-Pres. & Gen. Mgr.....Port St. Joe, Fla
W. J. Oven, Gen. Atty..Tallahassee, Fla
B. W. Eells, Aud., Asst. Sec. & Asst. Treas..... } Port St. Joe, Fla.
R. L. Howell, G. F. & P. A. & Frt. Clm. Agt..... "
¶A. M. Jones, Pur. Agt..... "
D. H. Bynum, M. M..... "
M. B. Smith, Supt. B. & B..... "
J. L. Sharit, Rd. Mast..... "

26—APPALACHIAN RY. CO.
18 Mls, 1 Loco, Cars: 5 Frt, 2 Pass (includ. 1 Motor)
Philadelphia address, Finance Bldg.
A. J. Stevens, Pres.....Ela, N. C
C. H. Heins, V.-Pres..... } Philadelphia, Pa.
J. R. Alloy, Sec. & Treas. }
E. T. Seaman, Asst. Treas. "
F. H. Ely, Gen. Coun..... "
¶★✠✪J. A. Sisk, Gen. Mgr.....Ela, N. C

26a—ARANSAS HARBOR TERM. RY.
7 Mls, 2 Loco, Cars: 8 Frt, 2 Pass, 4 Misc
J. A. Zimmerman, Mgr. & Treas.....Aransas Pass, Tex

26b—ARCADE & ATTICA R. R. CORP.
28 Mls, 3 Loco, Cars: 2 Pass, 23 Misc
P. H. Quinn, Pres.....Arcade, N. Y
E. J. Conroy, V.-Pres..... "
J. Knight, Coun..... "
G. E. Hogue, Sec. & Treas. "
S. D. Rice, Traf. Mgr..... "
¶✠✪R. I. Cartwright, Gen. Mgr..... "
§ B. I. Cartwright, M. M..... "

27—ARCADIA & BETSEY RIVER RY. CO.
17 Mls, 2 Loco, 1 Motor, Cars: 20 Frt, 2 Pass
¶★✠C. J. Starke, Gen. Mgr..Arcadia, Mich

28—ARCATA & MAD RIVER R.R. CO.
13 Mls, 3.91½ G, 4 Loco, Cars: 211 Frt, 5 Pass, 4 Misc
San Francisco address, 230 California St.
✪J. Tyson, Pres.....San Francisco, Cal
¶H. W. Jackson, V.-Pres. & Gen. Mgr..... Arcata, Cal
B. Lane, Sec.....San Francisco, Cal
W. H. Ogilwy, Traf. Mgr. & Supt.....Arcata, Cal
A. F. Brunson, M. M.....Korbel, Cal
W. H. Moulton, Ch. Eng.... "

29—ARIZONA & SWANSEA R. R. CO.
Abandoned, 1925.

30—ARIZONA EASTERN R. R. CO.
See So. Pac. Co., No. 930.

31—ARIZONA SOUTHERN R. R. CO.
21 Mls, 3 Loco, Cars: 25 Frt
✪J. Kruttschnitt, Jr., Pres. & Gen. Mgr.....Tucson, Ariz
¶F. E. Price, Asst. to Pres. & Gen. Mgr..... "
W. H. Cook, Aud.....Redrock, Ariz
★✠Albert Kohler, Supt...Silverbell, Ariz

32—ARKANSAS R. R.
20 Mls, 2 Loco, Cars: 6 Frt, 1 Pass, 2 Misc
✪A. J. Johnson, Pres.....Star City, Ark
R. Carnahan, V.-Pres...Pine Bluff, Ark
C. E. Fish, V.-Pres.....Star City, Ark
F. J. Bodman, Treas..Little Rock, Ark
★✠¶J. M. Forbes, Gen. Mgr..Star City, Ark

32a—ARKANSAS & LOUISIANA MISSOURI RY. CO.
86 Mls, 5 Loco, Cars: 40 Frt, 10 Pass, 5 Misc
E. A. Frost, Pres.....Shreveport, La
F. W. Scott, Asst. to Pres....Huttig, Ark
G. S. Prestridge, 2 V.-Pres. Shreveport, La
C. W. Nelson V.-Pres.....St. Louis, Mo
S. H. Dowell, Sec. & Treas. Shreveport, La
F. G. Hudson, Asst. Sec. & Gen. Atty..... .....Monroe, La
R. F. Humble, Gen. Aud.. } Shreveport, La.
J. L. Keenan, R. E., Tax & Ins. Comr..... }
J. H. Shaw, G. F. & P. A..... "
¶★✠J. J. French, Gen. Mgr..Monroe, La

PAGE-ARMCO
PROCESSED

Welding Wire *and* Electrodes
reduce welding costs

Wherever welding must be done quickly and economically, Page-Armco Welding Wire and Electrodes will prove their superiority. The exclusive Page method of processing all wires and electrodes to meet the type of welding for which they will be used assures against spoiled work—saves the welder's time and shows a reduction in costs.

Let us prove this to you. Write for data and samples for tests. No obligation.

PAGE-ARMCO Strand

The most economical and lasting strand wire you can specify. Made of Armco Ingot Iron (guaranteed 99.84% pure iron). It will resist corrosion and has the highest electrical conductivity in the ferrous group of metals. Proven by years of use to be superior for pole guys, ground wire and high tension transmission lines, transmission lines of short distances, and distributing branches from main transmission lines.

PAGE-ARMCO Signal Bonds

Here is a bond wire whose higher conductivity and greater resistance to corrosion and fatigue has caused it to be specified as standard by most American railroads.

Made of genuine Armco Ingot Iron, the purest and most uniform of ferrous metals, it conforms to A. R. A. Signal Division specifications in every respect. Write for samples for test.

PAGE STEEL AND WIRE COMPANY

An Associate Company of the American Chain Company, Incorporated
BRIDGEPORT, CONNECTICUT

District Offices:
Chicago, New York, Pittsburgh, San Francisco

Canadian Manufacturer and Distributor:
Frost Steel & Wire Co., Ltd.. Hamilton, Canada

33—ARKANSAS & MEMPHIS RY., BRIDGE AND TERMINAL CO.
6 Mls. Equipment owned—none
Memphis address, 1320 Exchange Bldg.
¶★✠ W. S. Martin, Pres..Memphis, Tenn

33a—ARKANSAS CITY — WINFIELD NORTHERN RY. CO. (Electric).
15 Mls, Cars: 2 Frt., 5 Pass., 2 Misc.
G. Theis, Jr., Pres.....Wichita, Kan
R. B. Campbell, Sec..... "
C. Basse, Treas. & Gen. Mgr. "
H. C. Smith, Aud..... "
¶✠C. A. Morey, Pur. Agt.
& Supt..... .....Winfield, Kan
L. L. Crocker, M. M..... "

33b—ARKANSAS SHORT LINE.
32 Mls. Equipment owned—none.
New York address, 149 Broadway.
St. Louis address, 511 Shell Bldg.
C. Mayo, Pres.....New York, N. Y
★✠D. Pollock, V.-Pres..South Bend, Ind
N. C. Taylor, Sec. & Treas. Truman, Ark
¶W. Weld, Traf. Mgr.....St. Louis, Mo
G. I. Hughes, Gen. Mgr. New York, N. Y

34—ARKANSAS VALLEY INTERURBAN RY. (Electric).
60 Mls, Cars; 13 Frt, 14 Pass, 1 Misc
✪G. Theis, Jr., Pres.....Wichita, Kan
W. E. Brown, V.-Pres.... "
C. H. Smyth, V.-Pres..... "
¶✠R. B. Campbell, Sec.,
Treas. & Gen. Mgr..... "
C. Basse, Aud., Asst. Sec.
& Treas..... "
C. I. Long, Gen. Atty.... "
C. M. Morrison, Traf. Mgr. "
A. Martin, Supt..... "
E. Vallance, M. M..... "

35—ARKANSAS WESTERN RY. CO., THE 32 Mls Equipment owned—none
J. B. McDonough, Pres. Ft. Smith, Ark
J. A. Edson, V.-Pres...Kansas City, Mo
J. C. Gardner, Sec. & Treas. Ft. Smith, Ark
For other officials see K. C. So. R. R., No. 472.

36—AROOSTOOK VALLEY R. R. CO. (Electric).
32 Mls, 2 Loco, Cars: 14 Frt, 6 Pass, 1 Misc
✪A. R. Gould, Pres..... } Presque Isle,
L. E. Gould, V.-Pres..... } Me.
¶★✠H. N. Crandall, Gen. Mgr. "

36a—ARTEMUS-JELLICO R. R. CO.
13 Mls, 2 Loco, Cars: 1 Frt
E. B. Dishman, Pres.....Frankfort, Ky
G. Halmhuber, V.-Pres.. "
¶★✠✪J. A. McDermott, V.-
Pres. & Gen. Mgr.....Artemus, Ky
G. F. Tinsley, Treas...Barbourville, Ky
B. Landrum, Aud.....Artemus, Ky
T. B. McGregor, Gen. Coun. Frankfort, Ky

37—ASHERTON & GULF RY. CO.
32 Mls, 2 Loco, Cars: 2 Frt, 1 Pass, 1 Misc
J. M. Bryant, Sec., Treas.,
Aud. & Gen. Mgr.....Asherton, Tex
A. T. Cole, Asst. Sec. & Asst.
Treas..... .....Houston, Tex
M. Eckert, Asst. Aud..... "
F. Andrews, Gen. Atty.... "
For other officials see Mo. Pac. R. R., No. 629

38—ASHLAND COAL AND IRON RY. CO.
See Chesapeake & Ohio Ry., No. 176.

38a—ASHLAND RY. CO.
7 Mls, 1 Loco, Cars: 3 Pass (including 2 motor)
¶★✠✪C. B. Allen, Pres. &
Gen. Mgr..... .....Ashland, Ala
O. W. Dean, Sec. & Aud.. "

39—ASHLEY, DREW & NOR'N RY. CO.
41 Mls, 4 Loco, Cars: 45 Frt
C. W. Gates, Pres.....Crossett, Ark
C. C. Gates, V.-Pres..... } 80 E. Jackson
E. C. Crossett, 2 V.-Pres. } Blvd.,
J. W. Watzek, Jr., Sec.. } Chicago, Ill.
E. W. Gates, Asst. Sec. &
Asst. Treas.....Crossett, Ark
J. W. Watzek, Treas.....Davenport, Ia
L. J. Arnold, Compt.....Crossett, Ark
W. B. Anderson, Aud..... "
T. J. Gaughan, Gen. Atty..Camden, Ark
✠✪A. Trieschmann, Gen.
Mgr.. .....Crossett, Ark
G. F. Thomas, Traf. Mgr. Little Rock, Ark
V. A. Roane, G. F. & P. A. Crossett, Ark
L. R. Wilcoxon, Supt..... "
¶H. M. Parsons, Pur. Agt.. "
B. M. Sharkey, M. M..... "

40—ATCHISON, TOPEKA & SANTA FE RY. SYSTEM, THE
COMPRISING
40x-Atchison, Topeka & Santa Fe Ry. Co., The
395—Gulf, Colorado & Santa Fe Ry. Co.
739a—Panhandle & Santa Fe Ry. Co.
12,043 Mls, 2,103 Loco, Cars: 83,947 Frt, 1,536 Pass, 5,386 Misc
Mileage and Equipment also shown separately.

System Officials.
Chicago address, 80 E. Jackson Blvd.
New York address, 5 Nassau St.

EXECUTIVE, FINANCIAL AND LEGAL.
W. B. Storey, Pres.....Chicago, Ill.
N. W. Willard, Asst. to Pres. "
A. H. Payson, Asst. to
Pres.....San Francisco, Cal
E. J. Engel, V.-Pres.....Chicago, Ill
E. Chambers, V.-P. (Traf.).. "
A. G. Wells, V.-P. (Operation). "
W. E. Hodges, V.-Pres. Los Angeles, Cal
T. A. Gregg, Asst. to V.-Pres. Chicago, Ill
G. W. Lupton, Asst to V.-Pres. "
★J. Purcell, Asst. to V.-Pres.. "
W. C. Hilton, Asst. to V.-Pres. "
E. L. Copeland, Sec. & Treas. Topeka, Kan
J. W. Maclachlan, Asst.
Sec.....New York, N. Y
G. W. Porter, Asst. Sec....Topeka, Kan
E. McBride, Asst. Sec. &
Transfer Agt.....Chicago, Ill
C. K. Cooper, Asst. Treas. New York, N. Y

Dozens of catalogs in one

—for your convenience

How many catalogs do you use in a year for ordering electrical material? Here are dozens of them in one—the Graybar Year Book.

It lists everything electrical. It is indexed for quick reference to any desired article. It covers over 60,000 items.

Send for your copy today.

GraybaR

ELECTRICAL SUPPLIES

Successor to *Western Electric* Supply Dept.

Offices in 55 Principal Cities

Executive Office 100 East 42nd Street, New York City

40—ATCHISON, TOPEKA & SANTA FE—Cont'd.

System Officials—Continued.

C. W. Jones, Asst. Sec.
& Asst. Treas.....Los Angeles, Cal
L. C. Deming, Compt... New York, N.Y
S. T. Bledsoe, Gen. Coun...Chicago, Ill
G. Lathrop, Spec. Coun..... "
E. E. McInnis, Gen. Soir..... "
L. F. English, Gen. Atty.... "
E. Trainor, Gen. Atty..... "
H. W. Davis, Gen. Atty..... "
C. H. Woods, Gen. Atty..... "
H. C. Pribble, Gen. Clm. Agt.....Topeka, Kan

ACCOUNTING.

J. E. Baxter, Gen. Aud.....Chicago, Ill
C. E. Betts, Asst. Gen. Aud. "
A. L. Conrad, Asst. Gen. Aud. "

TRAFFIC.

E. Chambers, V.-Pres.....Chicago, Ill
W. J. Black, Pass. Traf. Mgr.. "
A. P. Morrison, Asst. Pass. Traf. Mgr..... "
B. M. Bukey, Asst. G. P. A.. "
W. H. Simpson, Asst. G. P. A. "
J. Brinker, Mgr. Exp. & Mail. "
H. L. Hall, Asst. Mgr. Exp. & Mail..... "
R. S. Gordon, Gen. Bag. Agt. Topeka, Kan
F. B. Houghton, Frt. Traf. Mgr..... Chicago, Ill.

ASST. FREIGHT TRAFFIC MANAGERS.

C. C. Dana .....Chicago, Ill
D. L. Myers..... "
T. B. Gallaher, G. F. & P. A..Amarillo, Tex

GENERAL FREIGHT AGENTS.

J. H. McCabe.....Chicago, Ill
R. G. Merrick.....Topeka, Kan

ASSISTANT GENERAL FREIGHT AGENTS.

J. J. Coleman.....Chicago, Ill
C. Croskey..... "
F. C. Maegly..... "
J. J. Grogan, For. Frt. Agt..Chicago, Ill
W. T. Trelcaven, Gen. Live Stock Agt.....Kansas City, Mo
C. R. Gillillan, Asst. Live Stock Agt..... "

OPERATING.

A. G. Wells, V.-Pres.....Chicago, Ill
H. R. Lake, Act. Supt. Trans "
J. J. Mahoney, Asst. to Supt. Trans.....Emporia, Kan
F. Harvey, Mgr. Din. Cars Kansas City, Mo
H. C. Chace, Supt. Tel.....Topeka, Kan
A. W. Sine, Asst. Supt. Tel. "

PURCHASING.

¶ M. J. Collins, Gen. Pur. Agt.. Chicago, Ill.
J. J. Conn, Asst. Gen. Pur. Agt. "
E. A. Clifford, Asst. Gen. Pur. Agt. "
H. E. Ray, Gen. Str. Kpr...Topeka, Kan
F. A. Wilson, Stationer..... "

MECHANICAL.

J. Purcell, Asst. to V.-Pres. Chicago, Ill
C. T. Ripley, Ch. Mech. Eng. "
H. H. Lanning, Mech. Eng..Topeka, Kan
F. A. Isaacson, Asst. Mech. Eng..... "
F. H. Adams, Mech. Valua. Eng..... "
W. S. Lammers, Asst. Mech. Valua. Eng.....Topeka, Kan
J. T. St. Clair, Eng. Car Const..... .....Chicago, Ill
E. E. Chapman, Eng. Tests. Topeka, Kan
T. E. Layden, Asst. Eng. Tests "
J. L. Armstrong, Gen. Mat'l Insp.....Chicago, Ill
O. T. Rees, Ch. Chem..... Topeka, Kan.
B. P. Phelps, Eng. Shop Exten. "
G. Austin, Gen. Insp. Boilers... "
G. H. Wood, Gen. Air Brk. Instr.. "
E. J. McKernan, Supvr. Tools... "
F. W. Thomas, Supvr. Appr..... "
A. E. Volgt, Car Light. Eng..... "
L. L. King, Elec. Eng..... "
J. M. Nicholson, Fuel Conserv. Eng..... "

ENGINEERING, BRIDGES & ROADWAY

C. F. W. Felt, Ch. Eng.....Chicago, Ill
G. W. Harris, Asst. Ch. Eng. "
J. Weidel, Valua. Eng..... "
A. F. Robinson, Bridge Eng... "
E. A. Harrison, Arch..... "
J. de N. Macomb, Off. Eng.. "
W. Howe, Locating Eng.... "
C. W. Baldridge, Asst. Eng.. "
R. S. Belcher, Mgr. Treating Plants..... Topeka, Kan.
S. D. Cooper, Asst. Mgr. Treating Plants..... "

SIGNAL DEPARTMENT.

T. S. Stevens, Sig. Eng..... Topeka, Kan.
H. Hobson, Sig. Eng..... "
L. Brown, Sr. Asst. Sig. Eng... "
G. K. Thomas, Jr. Asst. Sig. Eng. "

40x—ATCHISON, TOPEKA & SANTA FE RY. CO.

9,216 Mls, 1,993 Loco, Cars: 83,347 Frt, 1,498 Pass, 4,856 Misc

Mileage also shown separately for Eastern Lines, Western Lines & Coast Lines. (*For complete list of officials, see Atchison, Topeka & Santa Fe Ry. Sys., No. 40.*)

40a—Eastern Lines.

3,263 Mls. (Mileage also included in A. T. & S. Fe Ry. Co., No. 40x.)

OPERATING.

R. H. Allison, Act. Gen. Mgr. Topeka, Kan.
D. S. Farley, Asst. Gen. Mgr.. "

ASSISTANTS TO GENERAL MANAGER.

E. A. Goeldner.....Topeka, Kan
A. L. Soule ..... "

DIVISION SUPERINTENDENTS.

G. G. Derby.....Chanute, Kan
H. M. Duncan.....Kansas City, Mo
H. B. Lautz.....Newton, Kan
C. L. Mason..... ..... Marceline, Mo
J. E. McMahon.....Arkansas City, Kan
G. H. Minchin.....Chillicothe, Ill
F. E. Summers.....Emporia, Kan

ASST. DIVISION SUPERINTENDENTS.

W. C. Baisinger.....Arkansas City, Kan
W. A. Guild.....Chillicothe, Ill
G. C. Jefferis.....Newton, Kan
J. F. McNally.....Emporia, Kan
C. W. Nelson.....Kansas City, Mo

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York • Chicago

AMSCO

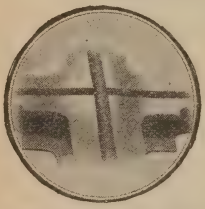
TRADE MARK REGISTERED

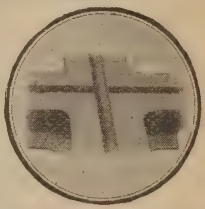
PROCESS MANGANESE CROSSINGS

(PATENTED)

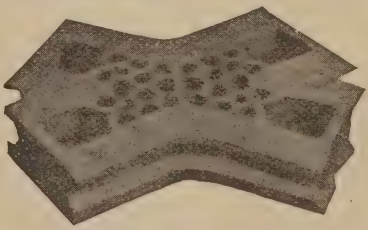
Last Longer—Ride Easier—Do Not Break

Cost Less to Maintain





Showing AMSCO Process Crossing points as cast; also after pressing down excess metal, which process eliminates pounding down in service.



Showing AMSCO Tubular Construction under intersection of flangeway. Prevents shrinkage cracks in manufacture, and gives elasticity and strength to crossing.

Write us for further information.

AMERICAN MANGANESE STEEL CO.

400 E. 14th St., Chicago Heights, Ill.

FOUNDRIES—Chicago Heights, Ill., New Castle, Del., Denver, Colo., Oakland, Calif., Los Angeles, Calif., Southern Manganese Steel Co., St. Louis, Mo.

ATCHISON, TOPEKA & SANTA FE—Continued.

40a—Eastern Lines—Continued.

SUPERINTENDENTS OF TERMINALS.

E. A. Perrine.....St. Joseph, Mo
C. E. Taylor.....Chicago, Ill

J. W. Nowers, Car Act.....} Topeka,
Dr. J. P. Kaster, Ch. Surg.....} Kan.
E. H. Hemus, Asst. Gen. Clm. Agt. "
C. D. Hart, Asst. Gen. Clm. Agt. "

ACCOUNTING.

R. L. Harris, Aud. of Disb....} Topeka,
W. W. Strickland, Frt. Aud...} Kan.
T. D. Alden, Asst. Frt. Aud.... "
S. C. Nichols, Tkt. Aud..... "
J. P. McDonald, Statistician... "

TRAFFIC.

J. M. Connell, G. P. A.....Topeka, Kan
E. J. Shakeshaft, Asst. G. P. A..... "
J. H. McCabe, G. F. A.....Chicago, Ill
R. G. Nicholson, Asst. G. F. A. "

PURCHASING.

GENERAL TRAVELING STORE KEEPERS.

G. J. Fleisch.....Topeka, Kan.
W. C. Hunt..... "
T. Scully..... "

DIVISION STORE KEEPERS.

R. E. Cochrun.....Arkansas City, Kan
R. K. Graham.....} Corwith, Ill.
} P. O. Chicago
C. S. Haynie.....Chanute, Kan
H. H. Higgie.....Chicago, Ill
P. Howatt.....} Corwith, Ill.
} P. O. Chicago
W. E. F. Kirk.....Ottawa, Kan
Q. A. Parker.....} Shopton, Ia.
} P. O. Ft. Madison
R. L. Stewart.....Newton, Kan
J. F. White.....Emporia, Kan
G. J. Zwaschka.....Argentine, Kan

F. H. Ludtke, Supt. Rail Mill.....Newton, Kan
W. B. Osborne, Supvr. Lumber.....} Arkansas City, Kan.

MECHANICAL.

J. H. McGoff, Mech. Supt. Ft. Madison, Ia
I. C. Hicks, Mech. Supt....Topeka, Kan

DIVISION MASTER MECHANICS.

B. A. Eldridge.....} Shopton, Ia.
} P. O. Ft. Madison
W. R. Harrison.....Argentine, Kan
A. J. G. Hartman.....Newton, Kan
J. P. Morris.....Chicago, Ill
J. K. Nimmo.....Arkansas City, Kan
G. F. Tier.....Chanute, Kan

ROAD FOREMEN OF ENGINES.

H. Blake.....Argentine, Kan
M. J. Campbell.....Marceline, Mo
H. Gallagher.....Chicago, Ill
G. P. Gerdin.....Chanute, Kan
J. B. Hamilton.....Argentine, Kan
W. R. Lane.....} Shopton, Ia.
} P. O. Ft. Madison
L. L. Laswell.....Galesburg, Ill
C. Leat.....Guthrie, Okla
G. E. Norris.....Newton, Kan
F. Payden.....Arkansas City, Kan
A. F. Percival.....Newton Kan
F. W. Snyder.....Ottawa, Kan

SHOP SUPERINTENDENTS.

W. L. Jury. (Asst.).....Topeka, Kan
C. H. Lundberg (Car).....Ottawa, Kan
H. H. Stephens.....Topeka, Kan
G. D. Woods (Car).....Chicago, Ill

GENERAL FOREMEN.

J. H. Armstrong (Loco. Dept.).....Topeka, Kan
J. A. Cullom.....Chillicothe, Ill
P. J. Danneberg.....Argentine, Kan
J. W. Gibbons (Pass. Car Dept.).....Topeka, Kan
C. B. Gold.....Purcell, Okla
E. C. Hanneman.....Fort Madison, Ia
J. H. Hott.....Wichita, Kan
C. Kirkhuff.....} Corwith, Ill.,
} P. O. Chicago
F. Lockard.....Emporia, Kan
J. E. Moore.....Newton, Kan
L. A. Moynihan.....Chanute, Kan
J. P. Peach.....Marceline, Mo
O. G. Pierson.....Arkansas City, Kan
A. Schnable.....Shawnee, Okla
A. C. Simpson.....Guthrie, Okla
J. Doran, Asst. Gen. Boil. Insp.....Ft. Madison, Ia
H. V. Stevens, Asst. Gen. Boiler Insp.....Topeka, Kan
S. R. Tilbury, Fuel Supvr.. "

DIVISION FUEL SUPERVISORS.

C. R. Brunelle.....Argentine, Kan
I. L. Goff.....Newton, Kan
F. A. Klein.....} Shopton, Ia
} P. O. Ft. Madison
J. V. Marshall.....Arkansas City, Kan
L. W. Powell.....} Shopton, Ia
} P. O. Ft. Madison
J. Hartley, Mast. Paint....Topeka, Kan

ENGINEERING, BRIDGES & ROADWAY

H. W. Wagner, Ch. Eng...Topeka, Kan

DISTRICT ENGINEERS.

G. J. Bell (Eastern).....Topeka, Kan
F. Helm (Western)..... "
H. L. Hunter, Office Eng. Topeka, Kan
A. W. Johnson, Supvr. W. Ser. "

DIVISION ENGINEERS.

I. Anderson.....Marceline, Mo
C. M. Buck.....Emporia, Kan
F. H. Frailey.....Arkansas City, Kan
H. A. Hatch.....Chanute, Kan
T. H. McKibben.....Chillicothe, Ill
H. J. Moore.....Newton, Kan

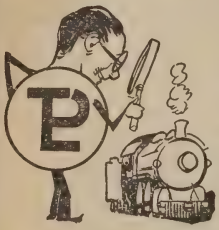
GEN. FOREMEN OF BRIDGES & BUILDINGS.

I. L. Brown.....Arkansas City, Kan
E. Drury.....Newton, Kan
A. J. James.....Emporia, Kan
F. Roof.....Chillicothe, Ill
H. E. Wells.....Marceline Mo
W. E. White.....Chanute, Kan

ROAD MASTERS.

J. O. Abramson.....Topeka, Kan
C. W. Ayling.....Independence, Kan
N. Bridges.....Arkansas City, Kan
J. H. Brown.....Topeka, Kan
A. N. Ferguson.....Independence, Kan
M. Ganley.....Argentine, Kan
J. H. Gidney.....Ottawa, Kan
D. Healy.....Purcell, Okla
J. E. Henderson.....Emporia, Kan
M. V. Holmes.....Ottawa, Kan

P. T. L. STARTS THINGS and KEEPS THEM GOING—



P. T. L. Inspectors, expert in the inspection of every detail of railroad equipment, are permanently located in the mills and shops of Pittsburgh, Cleveland, Chicago, Buffalo, Detroit, New York, Philadelphia, Birmingham, St. Louis, Dallas and Little Rock.

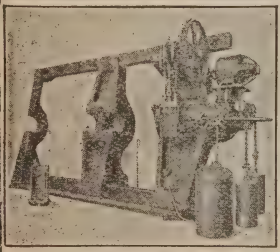
Service is our standard—let us help you to attain yours. Bulletins No. 20 and 21 give the facts—write for them.

PITTSBURGH TESTING LABORATORY

Inspection Engineers and Chemists

PITTSBURGH, PENNA.

Branch Offices in the Principal Cities



600 Ton Driving Wheel Press

Hydraulic Presses For R. R. Shops

Car Wheel Presses, Riveters, Presses for Flanging, Bulldozing, Forcing, Forging, Bending, Straightening, etc.

FLUE WELDERS
WASHER MAKING PRESSES
PUNCHES AND SHEARS
PLATE BENDING ROLLS

SOUTHWARK

FOUNDRY AND MACHINE CO.

ESTABLISHED 1836

PHILADELPHIA, PA.

Fisher Bldg., Chicago **100 E. South St., Akron, O.**

ATCHISON, TOPEKA & SANTA FE—Continued.

40a—Eastern Lines—Continued.

ROAD MASTERS—CONTINUED.

W. H. Jones.....Chillicothe, Ill
C. Kelley.....Arkansas City, Kan
F. M. Kelley.....Guthrie, Okla
A. L. Kleine .....Marceline, Mo
C. C. McGuire.....Moline, Kan
W. F. Muff.....Newton, Kan
A. W. Ross.....Abilene, Kan
N. Rowe.....Newton, Kan
F. D. Smart..... { Shopton, Ia. / P. O. Ft. Madison
T. Thompson.....Joliet, Ill
W. Turner.....Arkansas City, Kan
P. O. Walker.....Guthrie, Okla
J. Westerhaus.....Florence, Kan
R. J. Yost.....Chillicothe, Ill

SIGNAL DEPARTMENT.

H. Hobson, Sig. Eng ..Topeka, Kan
D. W. Fuller Asst. Sig. Eng. "
B. F. Smith, Gen. Sig Supvr. "

SIGNAL SUPERVISORS.

E. H. Clark.....Emporia, Kan
C. A. Cotton.....Arkansas City, Kan
K. Hanson.....Newton, Kan
F. D. Hartzell (Asst.) ...Chillicothe, Ill
C. B. Keers..... "
E. Waller.....Marceline, Mo

40b—Western Lines.

3,372 Mls. (Mileage also included in A. T. & S. Fe Ry. Co., No. 40x.)

OPERATING.

F. A. Lehman, Gen. Mgr..Amarillo, Tex

ASSISTANT GENERAL MANAGERS.

C. H. Bristol.....La Junta, Col
F. L. Myers.....Amarillo, Tex

ASSISTANTS TO GENERAL MANAGER.

J. E. Dyer.....Amarillo, Tex
F. E. Edwards..... "
R. C. Martini..... "

DIVISION SUPERINTENDENTS.

J. B. Briscoe (Act.)....Wellington, Kan
A. Ewing.....Las Vegas, N. M
F. J. MacKie.....Amarillo, Tex
O. J. Ogg.....Dodge City, Kan
D. W. Orr.....La Junta, Col
C. E. Smyer.....Clovis, N. M
H. A. Tice.....Pueblo, Col
B. A. West.....San Marcial, N. M

ASST. DIVISION SUPERINTENDENTS.

J. C. Barton.....Wellington, Kan
C. S. Cravens.....Amarillo, Tex
J. A. Gillies.....Dodge City, Kan
J. W. Nowers, Car Acct..Topeka, Kan
J. F. Harnit, Gen. Tr. Insp..Amarillo, Tex

ASSISTANT GENERAL CLAIM AGENTS.

E. H. Hemus.....Topeka, Kan
C. D. Hart..... "

ACCOUNTING.

R. L. Harris, Aud. Disb....Topeka, Kan
W. W. Strickland, Frt. Aud. "
T. D. Alden, Asst. Frt. Aud. "
S. C. Nichols, Tkt. Aud..... "
C. A. Casler, Statistician.. "

TRAFFIC.

J. M. Connell, G. P. A.....Topeka, Kan
E. J. Shakeshaft, Asst. G. P. A. "
R. G. Merrick, Gen. Frt. Agt. "

ASSISTANT GENERAL FREIGHT AGENTS.

J. C. Burnett.....Topeka, Kan
B. F. E. Marsh..... "

PURCHASING.

DIVISION STORE KEEPERS.

A. J. Baker.....Dodge City, Kan
F. B. Calhoun.....Belen, N. M
J. B. McCoy.....Las Vegas, N. M
R. J. Moore.....La Junta, Col
J. R. Reidy.....Pueblo, Col
A. B. Sears.....Waynoka, Okla
J. C. Sears..... Raton, N. M
R. G. Spahr.....Wellington, Kan
A. B. Wachter.....Albuquerque, N. M
T. L. Wilson.....Clovis, N. M

MECHANICAL.

J. R. Sexton, Mech. Supt. La Junta, Col
E. E. Machovec, Mech Supt. Amarillo, Tex

DIVISION MASTER MECHANICS.

A. H. Beirne.....Dodge City, Kan
H. G. Flanders.....Amarillo, Tex
W. D. Hartley.....Raton, N. M
G. M. Lawler.....La Junta, Col
J. P. McMurray.....Albuquerque, N. M
A. Roesch..... Denver, Col
W. S. Tasker.....Wellington, Kan
W. W. Walker.....Clovis, N. M

ROAD FOREMEN OF ENGINES.

W. P. Barton.....Albuquerque, N. M
T. B. Bowen.....Dodge City, Kan
R. J. Buswell.....Wellington, Kan
J. P. Cowley.....Denver, Col
F. E. Dice.....Clovis, N. M
L. W. Gilbert.....La Junta, Col
F. P. Jones..... "
A. McCready.....Raton, N. M
J. B. Merritt..... "
E. Norton.....Hutchinson, Kan
A. M. Nye.....Albuquerque, N. M
W. C. Sherman.....Canadian, Tex

SHOP SUPERINTENDENTS.

D. E. Barton.....Albuquerque, N. M
L. E. Fletcher.....La Junta, Col
J. R. Leverage (Asst). Albuquerque, N. M

GENERAL FOREMEN.

H. Beck.....Deming, N. M
R. D. Bryan (Car)...Albuquerque, N. M
J. M. Bunten.....Raton, N. M
J. R. Clark.....Amarillo, Tex
H. E. Clucas.....Pueblo, Col
I. H. Drake .....Las Vegas, N. M
W. C. Eddington.....Belen, N. M
I. W. Fleming (Car).....La Junta, Col
E. J. Gibbons.....Great Bend, Kan
W. P. Hartman.....Albuquerque, N. M
A. P. Jander.....Hutchinson, Kan
C. R. Madsen.....Dodge City, Kan
H. McClain.....Trinidad, Col
A. R. Piper.....San Marcial, N. M
W. J. Rackett.....Waynoka, Okla
H. T. Schwalm.....Clovis, N. M
C. F. Stucke (Loco)..Albuquerque, N. M
H. M. Wilson.....Wellington, Kan

ENGINEERING, BRIDGES & ROADWAY

M. C. Blanchard, Ch. Eng. Amarillo, Tex
E. S. Mudge, Valua. Eng. "
W. Pirschell, Office Eng. "
C. B. Clegg, Supvr. W. Serv. "

ELESCO SUPERHEATERS FEED WATER HEATERS THE SUPERHEATER COMPANY NEW YORK CHICAGO

Eveready Columbia Dry Batteries

—No. 6 Ignitor
—Steel Case "Hot Shot" (for ignition)

Columbia Signal and Track Batteries

—High Voltage
—Standard Voltage

National Welding Carbons

—Rods, Plates and Paste

National Pyramid Brushes

—Carbon, Graphite and Metal-graphite (for electric machinery)

Eveready Flashlights and Batteries

—a Type for Every Need

Prest-O-Lite ARA Storage Batteries

—for Signal and Interlocking Operations

Write for details

NATIONAL CARBON COMPANY, INC.
Railway Sales Division
Cleveland, Ohio San Francisco, Cal.
Canadian National Carbon Co., Limited
Factory and Offices: Toronto, Ontario

ATCHISON, TOPEKA & SANTA FE—Continued.

40b—Western Lines—Continued.

DISTRICT ENGINEERS.

D. E. Helvern (Northern) La Junta, Col
R. A. Rutledge (Southern) Amarillo, Tex

GENERAL TRACK INSPECTORS.

W. H. Cleveland.....Wellington, Kan
C. H. Shasteen.....La Junta, Col

DIVISION ENGINEERS.

O. F. Arthur.....Pueblo, Col
J. W. Brozo.....San Marcial, N. M
R. J. Gatewood.....Wellington, Kan
J. A. Noble.....La Junta, Col
J. B. Raymond.....Clovis, N. M
A. B. Truman.....Las Vegas, N. M
H. O. Wagner.....Amarillo, Tex
R. G. Whyman.....Dodge City, Kan

GEN. FOREMEN OF BRIDGES & BUILDINGS.

O. J. Baer.....La Junta, Col
J. O. Butler.....Wellington, Kan
E. A. Coe.....Dodge City, Kan
E. L. Connor.....Amarillo, Tex
J. B. Hayes.....San Marcial, N. M
L. H. Pirtle.....Las Vegas, N. M
E. M. Roush.....Clovis, N. M
J. L. Talbott.....Pueblo, Col

ROAD MASTERS.

T. A. Blair.....Pueblo, Col
N. R. Bowlin.....Wellington, Kan
G. C. Cleveland.....Kingman, Kan
J. P. Costello.....Pueblo, Col
R. R. Ellison.....Deming, N. M
J. E. Emonds.....Wellington, Kan
C. E. Ennis.....Rincon, N. M
F. Flaiz.....Trinidad, Col
L. M. Fleming.....Hutchinson, Kan
J. Haas.....Shattuck, Okla
C. H. Imroth.....Great Bend, Kan
W. Keen.....Carlsbad, N. M
J. E. Logsdon.....Belen, N. M
J. R. McGovern.....Dodge City, Kan
A. J. Osborne.....Clovis, N. M
M. R. Palmer.....Raton, N. M
B. R. Pulliam.....Belvidere, Kan
O. P. Quillen.....Syracuse, Kan
A. Stewart.....Albuquerque, N. M
J. Treutner.....Las Vegas, N. M
J. E. Truitt.....
O. West.....La Junta, Col

SIGNAL DEPARTMENT.

W. H. Rife, Signal Eng...La Junta, Col
D. K. Crawford, Gen. Sig. Supvr.....

SIGNAL SUPERVISORS.

H. Guy.....Amarillo, Tex
H. L. Hutton.....Las Vegas, N. M
A. N. Jackson.....La Junta, Col
W. H. Jones.....Hutchinson, Kan
A. M. Staley.....Las Vegas, N. M
O. T. Staley.....Pueblo, Col

40c—Coast Lines.

2,581 Mls. (Mileage and Locos. included in Atchison, Topeka & Santa Fe Ry. System, No. 40x.)

Los Angeles address, 6th & Main Sts.

OPERATING.

W. K. Etter, Gen. Mgr.... } Los Angeles, Cal.
J. R. Hitchcock, Asst. Gen. Mgr..... "

ASSISTANTS TO GENERAL MANAGER.

W. H. Brewer.....Los Angeles, Cal
C. E. Hill..... "
S. M. Saltmarsh, Car Acct.....Los Angeles, Cal
Dr. W. A. Morrison, Ch. Surg..... "

SUPERINTENDENTS.

J. A. Christie (Term.).San Francisco, Cal
C. G. Fluhr.....Needles, Cal
R. Jones (Asst.).....Prescott, Ariz
J. D. McCully.....Winslow, Ariz
R. H. Tuttle.....San Bernardino, Cal
J. W. Walker.....Fresno, Cal
W. C. Bassett, Asst. Supt. Tel.....Los Angeles, Cal
E. L. Copeland, Sec. & Treas. Topeka, Kan
C. W. Jones, Asst. Sec. & Asst. Treas..... } Los Angeles, Cal.
R. Irwin, Gen. Clm. Agt... "
L. Jessen, Asst. Gen. Clm. Agt..... "
L. B. Jones, Aud..... "
G. E. Hunt, Asst. Aud..... "

TRAFFIC.

J. R. Hayden, Asst. Traf. Mgr.....San Francisco, Cal
J. B. Duffy, G. P. A....Los Angeles, Cal
H. K. Gregory, Asst. G. P. A..... } San Francisco Cal.
J. F. Moses, Asst. G. P. A. "
H. Isaacs, Asst. G. B. A..Los Angeles, Cal

GENERAL FREIGHT AGENTS.

H. P. Anewalt.....Los Angeles, Cal
P. P. Hastings.....San Francisco, Cal

ASST. GENERAL FREIGHT AGENTS.

C. K. Adams.....Los Angeles, Cal
F. P. Cruice..... "
K. H. Gillette..... "
G. L. Goin.....San Francisco, Cal
F. L. Hanna.....Phœnix, Ariz
B. Levy.....San Francisco, Cal
A. M. Reinhardt..... "

PURCHASING.

¶ W. M. Catlin, Pur. Agt..Los Angeles, Cal
A. Moreton, Pur. Agt..San Francisco, Cal
J. C. McQuiston, Asst. Pur. Agt.....Los Angeles, Cal
K. R. Stewart, Str. Kpr..... } San Bernardino, Cal.

DIVISION STORE KEEPERS.

M. A. Beimer.....Barstow, Cal
E. O. Cook.....Richmond, Cal
J. G. Dunklin.....Prescott, Ariz
H. B. Griffis.....Mojave, Cal
H. I. Heath.....Calwa, Cal
A. R. Kallaus.....Gallup, N. M
J. A. Peterson.....Winslow, Ariz
S. Powell.....Bakersfield, Cal
F. J. Steinberger.....Seligman, Ariz
E. P. Stewart.....Los Angeles, Cal
S. Wilson.....Needles, Cal

MECHANICAL.

H. S. Wall, Mech. Supt. Los Angeles, Cal

MASTER MECHANICS.

E. F. Callaher.....Richmond, Cal
J. A. Conley.....Calwa, Cal
W. D. Hitchcock.....Winslow, Ariz

MECHANICAL STOKERS

for Locomotives

DUPLEX STOKER

Handles any Locomotive Coal with Ease and Dependability

ELVIN STOKER

Fires Locomotives by mechanically-operated shovels

8000 of our STOKERS in Service on 80 Railroads

LOCOMOTIVE STOKER COMPANY

Main Office and Works—PITTSBURGH, PA.

Westinghouse Bldg. New York — **Munsey Bldg.** Washington — **Railway Exchange** Chicago

ATCHISON, TOPEKA & SANTA FE—Continued.

40c—Coast Lines—Continued.

MASTER MECHANICS—CONTINUED.

J. Pullar.....San Bernardino, Cal
C. Raitt (Asst.).....Prescott, Ariz
G. Searle.....Needles, Cal

A. L. Crew, Gen. Rd. For. Eng.....Los Angeles, Cal

ROAD FOREMEN ENGINES.

G. K. Anderson....San Bernardino, Cal
W. G. Cooper.....Flagstaff, Ariz
W. Daze.....Winslow, Ariz
E. B. Gilbert.....Bakersfield, Cal
D. Hopkins.....Fresno, Cal
J. C. Love.....Los Angeles, Cal
P. J. Maloney.....Albuquerque, N. M
L. Pearson.....Prescott, Ariz
C. C. Reynolds.....San Bernardino, Cal
H. W. Richards.....Kingman, Ariz
G. L. Wilson.....Fresno, Cal

A. G. Armstrong, Supt. Shops.....San Bernardino, Cal

ASSISTANT SUPERINTENDENTS SHOPS.

O. D. Buzzell (Car)..San Bernardino, Cal
B. F. Harmon (Loco). "

GENERAL FOREMEN CAR DEPARTMENT.

R. F. Ketring.....Winslow, Ariz
H. Mack.....Bakersfield, Cal
B. E. Massa.....Needles, Cal
J. Sutherland.....Los Angeles, Cal
O. L. Wright.....Richmond, Cal

GEN. FOREMEN LOCOMOTIVE DEPARTMENT.

J. Kiely.....Winslow, Ariz
E. Leonard.....Prescott, Ariz
N. Vetter.....Richmond, Cal
R. Tuck.....Needles, Cal

DIVISION FOREMEN.

W. A. Birch.....Barstow, Cal
P. P. Curto.....Gallup, N. M
J. W. Flickwir.....Los Angeles, Cal
W. S. Grandy.....Bakersfield, Cal
A. D. Griffith.....Williams, Ariz
G. E. Johnson.....Calwa, Cal
F. H. Truxler.....Ash Fork, Ariz
E. W. Tucker.....Seligman, Ariz
H. W. Wall.....Phoenix, Ariz
M. Weber.....Riverbank, Cal
H. Whitham.....National City, Cal

J. M. L. Schmidt, Asst. Gen. Boiler Insp.....Los Angeles, Cal
R. W. Hunt, Fuel Supvr. "

FOREMEN PAINTERS.

H. E. Brill (Gen.)..San Bernardino, Cal
G. Giegoldt.....Los Angeles, Cal
J. E. Pearson.....Richmond, Cal

ENGINEERING, BRIDGES & ROADWAY

R. B. Ball, Ch. Eng.....Los Angeles, Cal
M. B. Terrass, Office Eng. "
W. W. Kelly, Dist. Eng.... "
J. B. Steen, Valua. Eng... "
F. McNutt, Insp. Track & Rdway..... "

DIVISION ENGINEERS.

E. E. Ball.....Fresno, Cal
M. B. Clark.....San Bernardino, Cal
F. D. Kinnie.....San Francisco, Cal
R. C. Kline.....Winslow, Ariz
O. R. West.....Needles, Cal

GENERAL FOREMEN BRIDGES & BUILDINGS.

E. Colclough.....Fresno, Cal
G. B. Combs.....Needles, Cal
W. F. Martins.....Winslow, Ariz
J. W. Wood.....San Bernardino, Cal

ROAD MASTERS.

R. L. Borden.....Winslow, Ariz
R. D. Brown.....Kingman, Ariz
E. Conway.....Williams, Ariz
J. L. Culvyhouse.....Richmond, Cal
O. Gabriel.....Oceanside, Cal
B. F. Gauldin.....Barstow, Cal
W. R. Groshell.....Fresno, Cal
H. L. Hoskins.....Needles, Cal
C. Johnson.....San Bernardino, Cal
R. E. Patton.....Gallup, N. M
A. L. Pollock.....Los Angeles, Cal
F. Rahmgren.....Prescott, Ariz
A. Ray.....San Bernardino, Cal
J. A. Rohrer.....Wickenburg, Ariz
G. Santhu.....Fresno, Cal
L. VanGundy..... "
J. B. Warren..... } Dalies, N. M
J. A. Welch..... } P. O. Belen
J. A. Welch.....Parker, Ariz

SIGNAL DEPARTMENT.

E. Winans, Sig. Eng...Los Angeles, Cal

SIGNAL SUPERVISORS.

W. F. Douglas.....Needles, Cal
J. A. Green.....Winslow, Ariz
J. W. Metcalf.....San Bernardino, Cal
R. L. Woodling.....Fresno, Cal

40d—ATLANTA & SAINT ANDREWS BAY RY. CO.

82 Mls, 8 Loco, Cars: 19 Frt, 16 Pass, 20 Misc
New York address, 17 Battery Place.

M. C. Keith, Pres.....New York, N.Y
W. C. Sherman, Exec. V.-Pres. } Panama,
¶✠✪H. W. Woolf, V.-Pres. & } City, Fla
Gen. Mgr.....
H. H. Hanson, Sec.....New York, N.Y
R. Larson, Treas..... "
J. B. Pruyn, Gen. Coun.. "
Dr. T. W. Helm, Jr., Aud. Panama City, Fla
A. S. Frasier, Ch. Surg.....Dothan, Ala
§ A. M. Lewis, M. M.....Millville, Fla

41—ATLANTA & WEST POINT R. R. CO. AND WESTERN RY. OF ALA.

227 Mls, 48 Loco, Cars: 1,377 Frt, 55 Pass, 101 Misc
Atlanta address, 120 E. Hunter St.

✪C. A. Wickersham, Pres. & } Atlanta,
Gen. Mgr..... } Ga.
W. H. Bruce, Sec. & Treas..... "
W. H. Vincent, Compt..... "
E. C. Becker, Aud..... "
G. E. Boulineau, G. F. A..... "
F. G. Browder, Jr., Asst. G. F. A. "
C. E. Rodenberg, Asst. G. F. A.. "
J. P. Weisiger, Asst. G. F. A... "
J. P. Billups, G. P. A..... "
J. A. Higgins, Asst. G. P. A.... "
J. A. Craig, Frt. Clm. Agt..... "
A. Moritz, Supt. Trans..... "
J. R. Mangham, Asst. Supt. Trans. "
Dr. J. R. Garner, Ch. Surg..... "
¶R. T. Pace, Pur. Agt..... "
R. M. Dilling, Str. Kpr..Montgomery, Ala
G. K. Williams, Fuel Agt...Atlanta, Ga

Look for this label

Buy by Name

1774 OVER 150 YEARS SERVICE 1926

OLIVER AMES & SONS CORP.,

NORTH EASTON, MASS.

(Ames Shovel and Tool Co., Boston, owners)

41—ATLANTA & WEST POINT—Continued.

F. O. Walsh, Supt. M. P.....Atlanta, Ga
R. P. Smith, Mech. Eng.... "
W. L. Noll, Elec. Eng..Montgomery, Ala
E. G. Gross, M. M..... "
F. W. Douglas, M. M.....Atlanta, Ga
W. A. Robertson, For. Car Rep..... .....Montgomery, Ala
E. B. Stair, For. Painter. "
O. T. Nelson, Ch. Eng.....Atlanta, Ga
S. R. Young, Asst. Ch. Eng. "
H. W. Seib, Consit. Eng.... "
W. E. Pitts, Supvr.....College Park, Ga
A. B. Nelson, Supvr. Montgomery, Ala
J. A. Johnson, Rd. Mast....Atlanta, Ga

42—ATLANTA, BIRMINGHAM AND ATLANTIC RY. CO.

635 Mls, 81 Loco (including 1 Elec Mot), Cars: 1,895 Frt, 59 Pass, 166 Misc
Receiver appointed Feb. 25, 1921.

EXECUTIVE, FINANCIAL AND LEGAL.
✪B. L. Bugg, Recr.....Atlanta, Ga
J. L. Edwards, Asst. to Recr. "
G. L. Stone, Chman. of Board.....New York, N.Y
W. E. Paschall, Treas.....Atlanta, Ga
C. F. Tallaferro, Gen. Clm. Agt..... "
E. L. Greene, Aud..... "

TRAFFIC.
C. B. Kealhofer, Frt. Traf. Mgr.....Atlanta, Ga
A. D. Daniel, Pass. Traf. Mgr. "
R. Pope, Asst. G. F. A..... "
H. S. Young, Asst. G. F. A.. "

OPERATING.
C. E. Brower, Gen. Supt. Trans.....Atlanta, Ga

SUPERINTENDENTS.
F. Astin (Asst).....Fitzgerald, Ga
H. Huddleston.....Manchester, Ga
R. H. McKay.....Fitzgerald, Ga
R. G. Parks, Supt. Car Serv..Atlanta, Ga
Dr. W. S. Elkin, Ch. Surg... "

PURCHASING.
¶A. V. B. Gilbert, Pur. Agt..Atlanta, Ga
C. T. Coleman, Str. Kpr..Fitzgerald, Ga

MECHANICAL.
§A. W. Kirkland, Supt. M. P. Fitzgerald, Ga
J. F. Sheahan, Mech. Eng...Atlanta, Ga
E. H. Pudney, Elec. Eng.... "
C. C. Persons, M. M.....Manchester, Ga
§C. S. Perry, M. M.....Fitzgerald, Ga

ROAD FOREMEN OF ENGINES.
N. L. Coudriet.....Fitzgerald, Ga
A. H. Roper.....Manchester, Ga

GENERAL FOREMEN.
J. F. Bauknight.....Atlanta, Ga
J. W. George.....Birmingham, Ala
B. W. Knight.....Brunswick, Ga

ENGINEERING, BRIDGES & ROADWAY
L. L. Beall, Ch. Eng.....Atlanta, Ga
W. A. Spell, Eng. M. W..... "
R. E. Trippe, Prin. Asst. Eng. "
J. S. Cahill, Asst. Eng..... "
N. E. Wilson, Asst. Eng.... "
E. H. Pudney, Elec. Eng... "

ROAD MASTERS.
J. W. Cole.....Lineville, Ala
W. B. Haynes.....Fitzgerald, Ga
J. C. Lowery.....Lineville, Ala
J. N. Newsome.....Fitzgerald, Ga
B. H. Watson..... "
A. M. Wilder.....Manchester, Ga

42a—ATLANTA JOINT TERMINALS.

35 Mls. Equipment owned—none.
F. M. Wooddall, Supt.. } 34 Central Ave
S. R. McGee, Asst. Supt. } Atlanta, Ga

43—ATLANTA, STONE MOUNTAIN & LITHONIA RY.

8 Mls, 2 Loco, Cars: 6 Frt, 2 Misc
Atlanta address, 1220 Atlanta Trust Co. Bldg.
¶★✠F. T. Mason, Pres.....Atlanta, Ga

43a—ATLANTIC & CAROLINA R. R. CO. 10 Mls, 6 Loco, Cars: 50 Frt, 3 Pass

★✪A. R. Turnbull, Pres.....Norfolk, Va
T. A. Hetty, V.-Pres...Kenansville, N.C
¶W. J. Jones, Sec. & Treas...Norfolk, Va
✠J. E. Jerritt, Gen. Mgr. Kenansville, N.C

44—ATLANTIC & WESTERN R. R. CO.

24 Mls, 4 Loco, Cars: 3 Frt, 3 Pass
New York address, 366 Madison Ave.
H. C. Huffer, Jr., Pres..... } New York,
N. A. Campbell, V.-Pres... } N. Y.
W. R. Sullivan, Sec. & Treas. "
N. M. Edwards, Aud..... } Sanford,
¶✠H. P. Edwards, Gen. Mgr. & } N.C.
Pur. Agt..... "
B. P. Maglenn, M. M..... "

45—ATLANTIC & YADKIN RY.

159 Mls. Equipment owned—none.
Receivers appointed, March 24, 1924.
A. E. Smith, Recr.....Mount Airy, N. C
J. W. Fry, Recr.....Greensboro, N. C
F. F. Blevins, Aud....Mount Airy, N. C
T. P. Taylor, Frt. Clm. Agt.....Greensboro, N. C
A. L. Thompson, Traf. Mgr..... "
R. F. Collins, Car Acct. "
¶★✠✪S. deButts, Supt. "

46—ATLANTIC CITY R. R. CO.

170 Mls, 10 Loco, Cars: 58 Pass, 52 Misc
P. S. Lewis, Supt.....Camden, N. J
E. J. McCloy, Str. Kpr.... "
P. Stohlberger, M. M..... "
R. F. Mura, For. Car Shop. "
W. Williams, Rd. For. Eng. "
J. W. De Moyer, Div. } Kaighns Pt., N.J.,
Eng..... } P. O. Camden.
G. D. Williams, Supvr. "
W. S. Sloatman, Supvr..Tuckahoe, N.J
B. K. Wingate, Asst. } Kaighns Pt., N. J
Supvr..... } P. O. Camden.
G. S. Davis, Supvr. Sig...Camden, N. J
For other officials see Reading Co., No. 808.

¶ Officer in charge of Purchase of Supplies.
§ Indicates Officer in charge of Car or Locomotive Painting.
★ Officer in charge of Mechanical Work where the fact is not indicated by his title.

Wheels — Axles

Carbuilding Sections

Rails — Rail Joints

Steel Cross Ties

Track Accessories

47—ATLANTIC COAST LINE R. R.

4,924 Mls, 1,042 Loco, Cars: 32,880 Frt, 767 Pass, 1,637 Misc

New York address, 71 Broadway

EXECUTIVE, FINANCIAL AND LEGAL.

H. Walters, Ch. of Board, New York, N.Y
H. G. Day, Asst. to Chman. "
J. R. Kenly, Pres.....Wilmington, N.C
D. W. Gross, Asst. to Pres..... "
Lyman Delano, Exec. V.-Pres..... "
G. L. Mitchell, Asst. to Exec. V.-Pres. & Asst. Sec..... "
J. C. Murchison, Exec. Gen. Agt.....Orlando, Fla
R. A. Brand, V.-Pres. Wilmington, N. C
P. R. Albright, V.-Pres. & Gen. Mgr..... "
H. L. Borden, V.-Pres. & Sec..... New York, N. Y.
G. B. Elliott, V.-Pres. & Gen. Coun..... Wilmington, N. C.
T. F. Darden, V.-Pres..... "
R. D. Cronly, Asst. to V.-Pres. & Asst. Sec..... "
F. D. Lemmon, Asst. Sec. New York, N.Y
J. F. Post, Asst Sec..Wilmington, N.C
J. T. Reid, Treas..... "

ASSISTANT TREASURERS.

J. B. Kirby..... 13 South St.,
J. J. Nelligan..... Baltimore, Md
W. C. Yarborough...Wilmington, N. C

J. L. Cobbs, Jr., Dir. of Public Rel.....Wilmington N. C
C. H. Davis, Gen. Atty. "
C. E. St. Amand, Gen. Clms. Atty..... "
T. W. Davis, Gen Solr. "
W. E. Kay, Gen. Solr..Jacksonville, Fla
W. G. Forlong, R. E. Agt. Wilmington, N.C
C. S. Morse, Tax Agt.. "

VALUATION DEPARTMENT.

D. C. Haven, Valua. Atty. Wilmington,
J. Stephenson, Asst. Eng. N. C.

ACCOUNTING.

T. F. Darden, V.-Pres..... Wilmington, N. C
W. D. McCaig, Compt.....

AUDITORS.

G. S. LeGrand (Pass. Rec.).. Wilmington, N. C
E. L. Potter (Stat. Accts)...
E. L. Prince (Frt. Rec.)..... "
R. T. Sinclair (Overcharge Clms.)..... "
R. A. Williams (Disb.)..... "
McC. B. Wilson (Misc. Accts.) "

ASSISTANT AUDITORS.

K. W. Price (Frt. Rec.)..... Wilmington, N. C
B. Quelch (Pass. Rec.).....

A. H. Shepard, Frt. Clm. Agt.....Wilmington, N. C

TRAFFIC.

R. A. Brand, V.-Pres..... Wilmington, N. C.
J. Menzies, Frt. Traf. Mgr.
C. McD. Davis, Frt. Traf. Mgr. "
J. W. Perrin, Asst. Frt. Traf. Mgr..... "

ASSTS. TO FREIGHT TRAFFIC MANAGER.

F. L. Glover.....Wilmington, N. C
R. G. Hodgkin.....Atlanta, Ga

GENERAL FREIGHT AGENTS.

R. J. Doss.....Wilmington, N. C
J. F. Mead.....Jacksonville, Fla
W. C. Ragin.....Wilmington, N. C

ASST. GENERAL FREIGHT AGENTS.

J. B. Brantley.....Wilmington, N. C
C. S. Campbell.....Richmond, Va
E. Davidson.....Charleston, S. C
M. H. Dorsett.....Tampa, Fla
W. H. Henderson..... "
C. L. Hinnant.....Wilmington, N. C
C. A. Maull.....Jacksonville, Fla
W. E. Renneker.....Rocky Mount, N.C
H. Sams.....Savannah, Ga
E. L. Watkins.....Wilmington, N. C
W. J. Craig, Pass. Traf. Mgr..... Wilmington, N. C.
G. B. Ecker. G. P. A..... "
G. P. James, G. P. A..Washington, D. C
E. R. Clarke, Asst. G. P. A.....Wilmington, N. C
E. M. North, Asst. G. P. A..Savannah, Ga
J. De Witt, Supvr. Mail & Exp. Traffic.....Wilmington, N.C
H. Sams, Act. Gen. Live Stock Agt.....Savannah, Ga

AGRICULTURAL & INDUSTRIAL AGENTS.

G. A. Cardwell.....Wilmington, N. C
E. B. O'Kelley..... Jacksonville, Fla

OPERATING.

P. R. Albright, V.-Pres. & Gen Mgr.....Wilmington, N.C
J. N. Brand, Asst. Gen. Mgr.. "
F. W. Brown, Asst. to Gen. Mgr. "

GENERAL SUPERINTENDENTS.

R. A. McCranie.....Savannah, Ga
O. H. Page.....Jacksonville, Fla
W. H. Newell.....Rocky Mount, N. C

DISTRICT SUPERINTENDENTS.

J. A. Bowdoin.....Montgomery, Ala
C. M. Cobb.....Norfolk, Va
L. Crocker.....Wilmington, N. C
J. W. Daniel.....Savannah, Ga
T. L. Dumas.....Sanford, Fla
R. B. Hare.....Florence, S. C
E. P. Laird.....Richmond, Va
F. B. Langley.....Gainesville, Fla
G. B. McClellan.....Rocky Mount, N. C
W. H. Newell, Jr.....Lakeland, Fla
G. E. Rollins, Asst. Supt.... Tampa, Fla
E. B. Rush.....Lakeland, Fl
J. C. Swindell (Asst.)....Mulberry, Fla
J. A. Wall.....Waycross, Ga
O. T. Waring.....Charleston, S. C
T. W. Hansell, Supt. Term.....Jacksonville, Fla
S. A. Stockard Gen. Supt. Trans.....Wilmington, N.C

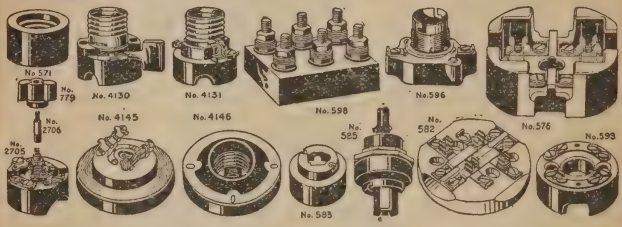
SUPERINTENDENTS TRANSPORTATION.

W. B. Darrow.....Rocky Mount, N. C
C. G. Sibley.....Savannah, Ga
J. P. Walker.....Jacksonville, Fla
J. L. White.....Wilmington, N.C

E. M. Dewey, Supt. Car Serv. Wilmington,
A. C. Kenly, Supt. Frt..... N. C.

BRYANT
SUPERIOR WIRING DEVICES

Railroad Wiring Devices



THE BRYANT ELECTRIC COMPANY
BRIDGEPORT, CONN.
NEW YORK CHICAGO SAN FRANCISCO

AMERICAN ROLL GOLD

For Car Striping and Lettering

WITHOUT WASTE OF GOLD LEAF

Manufactured by Improved Machinery and Far Superior to Any Now on the Market

American Roll Gold Leaf Co.
PROVIDENCE, R. I.

47—ATLANTIC COAST LINE—Continued.

Dr. R. B. Slocum, Supt. Relief Dept. & Med. Dir..... } Wilmington, N. C.
J. F. Sears, Asst. Supt. Relief Dept..... "
R. Scott, Dir. Ins. & Safety.... "
W. P. Cline, Supt. Tel..... "
C. M. Butler, Fuel Agt..... "
W. W. Morrison, Supt. Police. "
G. V. Hicken, Supt. Dining Cars.....Washington, D. C
C. H. Burden, Asst. Supt. Dining Cars..... "

PURCHASING.

¶ F. H. Fechtig, Pur. Agt..... } Wilmington, N. C.
O. L. Browne, Asst. to Pur. } ton, N. C.
Agt..... "
P. H. Walsh, Gen. Str. Kpr. "
J. U. King, Asst. Gen. Str. Kpr. "

STORE KEEPERS.

C. I. Cavenaugh.....Montgomery, Ala
A. H. Creasy.....Wilmington, N. C
W. C. DeCoursey.....Sanford, Fla
W. M. Farrar.....Richmond, Va
H. K. Gilbert.....Florence, S. C
J. J. Hollowell.....Pinners Point, Va
A. N. Inman.....Jacksonville, Fla
R. W. Justice.....High Springs, Fla
W. E. King.....Wilmington, N. C
J. C. McLendon..... } Southover, Ga / P. O. Savannah
N. V. Oldenbuttel.....Waycross, Ga
J. I. Porter (Signal).....Charleston, S. C
J. Q. Robinson.. } So. Rocky Mount, N. C / P. O. Rocky Mount
C. O. Rudd.....Savannah, Ga
J. N. Stedman.....Charleston, S. C
J. H. Taylor.....Lakeland, Fla
C. F. Westberry.....Port Tampa, Fla

ASSISTANT STORE KEEPERS.

E. C. Ballentine (Asst. to). Waycross, Ga
P. D. Baxley..... } Southover, Ga / P. O. Savannah
C. M. Beall.....Wilmington, N. C
M. C. Brinson.....Waycross, Ga
D. W. Coleman.....Florence, S. C
D. M. Geddie.....Lakeland, Fla
J. J. Goins.....Montgomery, Ala
W. J. Harper.....Richmond, Va
G. H. Hopkins.....High Springs, Fla
A. J. Hudson.....Port Tampa, Fla
A. F. Hunt.....Sanford, Fla
W. M. Joyner.....Albany, Ga
C. F. Monroe.....Savannah, Ga
A. B. Nowell.....Pinners Point, Va
R. V. Page..... } So. Rocky Mount, N. C / P. O. Rocky Mount
N. H. Parrish (Sig.).....Charleston, S. C
E. J. Phillips..... "
F. M. Sullivan.....Jacksonville, Fla
E. R. Wells (Shops)..Wilmington, N. C
T. S. McCorkle, Comsy. Agt Lakeland, Fla
J. N. Needham, Asst. Comsy. Agt..... "
W. H. Andrews, Sta..Wilmington, N. C
E. S. Willis, Asst. Sta. "
J. E. McNelley, Ch. Tie & Lumber Supvr.... "
J. W. Styers, Asst. Ch. Tie & Lumber Supvr.....Waycross, Ga

CHIEF TIE AND TIMBER AGENTS.

W. G. Kenly.....Jacksonville, Fla
A. R. Kenney.....Waycross, Ga
C. D. Yarborough....Wilmington, N. C

MECHANICAL.

R. D. Hawkins, Gen. Supt. } Wilmington, N. C.
M. P..... } ton, N. C.
R. J. Turnbull, Asst. to Gen. Supt. M. P..... "

SUPERINTENDENTS MOTIVE POWER.

F. P. Howell.....Waycross, Ga
J. Paul (Asst.).....Tampa, Fla
D. M. Pearsall.....Rocky Mount, N. C

C. L. Meister, Mech. Eng.... } Wilmington, N. C.
G. G. Lynch, Asst. Mech. Eng. } ton, N. C.
C. R. Sugg, Elec. Eng..... "

MASTER MECHANICS.

C. E. Brogden.....Jacksonville, Fla
R. H. Duncan.....Montgomery, Ala
S. G. Kennedy.....Lakeland, Fla
P. J. Meade.....Wilmington, N. C
J. H. Painter.....Rocky Mount, N. C
S. E. Porter.....Waycross, Ga
J. W. Reams.....Savannah, Ga
E. J. Smith.....Florence, S. C
H. R. Stevens.....Sanford, Fla
W. R. Witherspoon..High Springs, Fla

DIVISION ROAD FOREMEN ENGINES.

R. D. Bullock.. } So. Rocky Mount, N. C / P. O. Rocky Mount
G. C. Jones.....Waycross, Ga

SHOP SUPERINTENDENTS.

C. S. Taylor.....Rocky Mount, N. C
C. A. White.....Waycross, Ga

GENERAL FOREMEN.

R. E. Brown.....Waycross, Ga
W. B. Burton.....Pinners Point, Va
T. B. Dobbins.....Thomasville, Ga
J. Grant.....Port Tampa, Fla
W. B. Middelton.....Rocky Mount, N. C

O. A. Wallace, Supvr. Car Rep.....Wilmington, N. C
J. L. Parker, Ch. Elec....Waycross, Ga
H. F. Quinn, Ch. Elec. Rocky Mount, N. C
L. M. Stewart, Gen. Boiler Insp.....Waycross, Ga
E. Z. Mann, Gen. Air Brake Inst..... "
O. L. Anderson, Supvr. Wat. Soft'ng Plants..Jacksonville, Fla
H. Hengeveld, Mast Paint. Waycross, Ga
W. F. James, For. Paint.....Rocky Mount, N. C

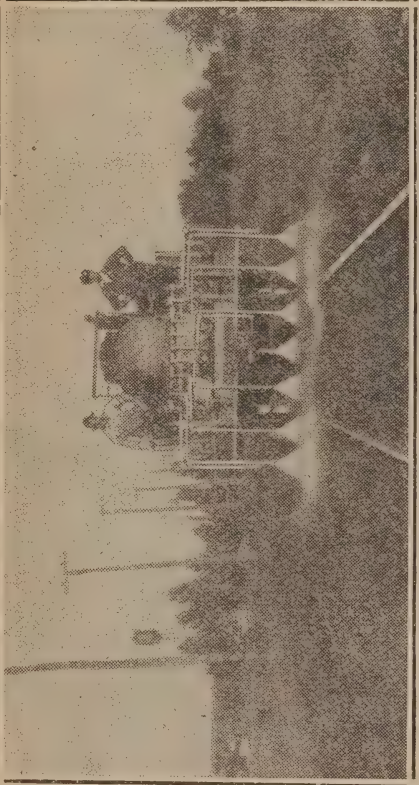
ENGINEERING, BRIDGES & ROADWAY

J. E. Willoughby, Ch. Eng.. } Wilmington, N. C.
J. B. Lindsey, Prin. Asst. Eng. } ton, N. C.
L. L. Sparrow, Eng. of Stat.. "
R. L. Groover, Office Eng..... "
D. B. Packard, Eng. Constr.. "
R. W. Marye, Div. Eng...Waycross, Ga
G. G. Thomas, Eng. Brdgs.. } Wilmington, N. C.
A. M. Griffin, Eng. Bldgs.... } ton, N. C.
G. B. Copeland, Supt. Timber Preservation. Gainesville, Fla

ENGINEERS OF MAINTENANCE OF WAY.

E. B. Hillegass.....Savannah, Ga
D. M. Lamdin.....Jacksonville, Fla
J. B. Trenholm.....Rocky Mount, N. C

KILL WEEDS WITH ATLAS WEED KILLER



ATOMIZING SPRAY HEAD ON ATLAS SERVICE EQUIPMENT

Vegetation on thousands of miles of railway tracks in the United States has been killed with our chemical weed killer. Twelve years successful record proves efficiency and economy of our method

ATLAS SERVICE includes the application of Atlas Weed Killer under contract providing for expert supervision and our latest model spraying equipment.

ATLAS NON-POISONOUS WEED KILLER—New in Principle—Superior in Results—Safe and Efficient

One Application Kills This Year's Weeds and Next Year's Seeds.

We will be glad to figure on chemical or on complete applied service.

Write for detailed cost estimate and booklet.

CHIPMAN CHEMICAL ENGINEERING CO., INC.

BOUND BROOK, NEW JERSEY

47—ATLANTIC COAST LINE—Continued.

ASSISTANT ENGINEERS.

G. A. Fore.....Savannah, Ga
L. W. Funk.....Wilmington, N. C
F. E. Orton.....Rocky Mount, N. C
G. J. Shepard.....Jacksonville, Fla
J. L. Willcox.....Wilmington, N. C

GENERAL ROAD MASTERS.

B. E. Haley.....Lakeland, Fla
W. Q. Jeffords.....Florence, S. C
T. J. Joyner.....Rocky Mount, N. C
W. A. McCullough.....Waycross, Ga

ROAD MASTERS.

E. F. Anderson.....Tampa, Fla
W. A. Andrews.....Florence, S. C
H. F. Archer.....Waycross, Ga
E. W. Beck.....Troy, Ala
C. M. Brett.....Fayetteville, N. C
G. E. Bruner.....Sumter, S. C
W. C. Bruner.....Lanes, S. C
D. H. Carter.....Orangeburg, S. C
F. C. Chandler.....Kissimmee, Fla
R. E. Clark.....Petersburg, Va
W. F. Corley.....Fort Myers, Fla
W. P. Croom.....Wilmington, N. C
G. L. Dail.....Newberry, Fla
G. Daniels.....Lakeland, Fla
R. R. Dempsey.....Goldsboro, N. C
C. Fowler.....Rocky Mount, N. C
W. M. Funk.....Dillon, S. C
W. A. Gilmore.....Yemassee, S. C
E. D. Guest.....Trenton, Fla
E. J. Haley.....Portsmouth, Va
A. M. Hargrett.....Tifton, Ga
V. A. Hodges.....Folkston, Ga
J. W. Hughes.....Charleston, S. C
E. L. Jordan.....Climax, Ga
J. H. Kansinger.....Sebring, Fla
D. W. Monroe.....Chadbourn, N. C
J. H. Moore.....Rocky Mount, N. C
W. T. Pace.....Live Oak, Fla
H. L. Page.....Sanford, Fla
H. M. Puckett.....Waycross, Ga
R. E. L. Robinson.....Gainesville, Fla
S. A. Robinson.....Thomasville, Ga
E. C. Rogers.....Leesburg, Fla
F. D. Sanders.....Trilby, Fla
T. M. Self.....Green Cove Springs, Fla
J. J. Stewart.....Parmele, N. C
B. D. Tew.....Darlington, S. C
J. A. Turner.....Dothan, Ala
J. M. Tuten.....Savannah, Ga
J. C. Warren.....Dunnellon, Fla
A. H. Woodburn.....Palmetto, Fla
C. Woodward.....Fayetteville, N. C

SIGNAL DEPARTMENT.

C. J. Kelloway, Supt. Sig. } Wilmington.
C. A. Williams, Supvr. } N. C.
Sig. Constr..... "

SIGNAL SUPERVISORS.

W. M. Adams.....Jacksonville, Fla
V. J. Hough.....Florence, S. C
J. H. Lackey.....Rocky Mount, N. C
L. C. Nicar.....Charleston, S. C
G. F. Partridge.....Petersburg, Va
A. W. Stewart.....Lakeland, Fla
C. H. Wiegand.....Savannah, Ga

48—ATLANTIC NORTHERN RY. CO.

17 Mls, 1 Loco, Cars: 2 Frt, 1 Pass

J. Leistad, Pres.....Elk Horn, Ia
S. C. Pedersen, V.-Pres..... "
B. Christensen, Treas.....Kimballton, Ia
¶ ✠ C. E. Spar, Sec., Gen. Mgr., Aud. & G. F. A.....Atlantic, Ia
A. Gregersen, M. M..... "

48a—ATLANTIC PORT RY. CORP.

20 Mls, 8 Loco, Cars: 203 Frt

New York address, 5 Nassau St.

H. R. Carse, Pres..... } New York,
H. R. Sutphen, V.-Pres..... } N.Y.
¶ ★ W. C. Mueller, V.-Pres..... "
H. A. G. Taylor, Compt..... "
J. E. Bishop, G. F. A..... "
✠ J. Scott, Gen. Mgr..... "

49—ATLANTIC, QUEBEC & WEST'N RY.

102 Mls, 8 Loco, Cars: 3 Frt, 9 Pass, 24 Misc

E. B. Read, Mng. Dir.....London, Eng
¶ ✪ J. S. Gordon, Gen. Mgr. } New Carlisle,
J. B. S. Mitchell, G. F. & } Que.
P. A..... "
C. G. Hocquard, Ch. Acct. "
B. Robinson, Supt..... "
C. White, Mech. Supt..... "
J. Nealor, Eng. Maint..... "
W. E. McKewen, Rd. Mast. "
F. Gaul, Rd. Mast..... .....Gaspe, Que

50—51—

52—AUGUSTA & SUMMERVILLE R. R.

5 Mls. Equipment owned—none.

¶ ★ ✠ W. M. Robinson, Pres. & } Augusta,
Gen. Mgr..... } Ga.
W. H. Vincent, Sec.....Atlanta, Ga
P. M. Boyce, Treas.....Augusta, Ga
J. J. O'Shea, Aud..... "

53—AUGUSTA NORTHERN RY.

11 Mls. 2 Loco, Cars: Frt none, 1 Pass

✪ M. C. Woods, Pres.....Marion, S. C
S. W. Norwood, V.-Pres. & Treas. "
W. H. Cross, Secy..... "
¶ ★ ✠ J. W. Chadwick, Gen. Mgr. Saluda, S. C

54—AUGUSTA R. R. CO.

2 Mls, 2 Loco, Cars: 1 Frt, 1 Pass, 1 Misc

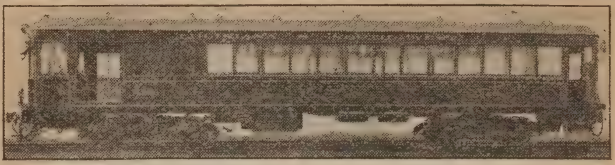
¶ ✠ R. T. Harville, Pres.....Augusta, Ark
W. N. Gregory, V.-Pres... "
J. C. McDonald, Sec..... "
F. H. Kittrell, Treas..... "
G. W. Martin, Aud..... "
J. A. Short, M. M. ..... "

55—AURORA, ELGIN & FOX RIVER ELECTRIC CO.'S R. R.

79 Mls, Loco none, Cars: 7 Frt, 127 Pass, 15 Misc

I. C. Copley, Pres.....Aurora, Ill
B. E. Waltz, V.-Pres..... "
B. P. Alschuler, V.-Pres..... "
R. N. Dreiman, Gen. Aud..... "
A. E. Schmeiser, G. P. & Clm. Agt..... "
J. F. Egolf, Gen. Mgr..... "
J. Gunderson, Supt. Trans....Elgin, Ill
J. C. Johnson, Supt. Trans..Aurora, Ill
¶ S. Ricker, Pur. Agt..... "
F. Doyle, M. M..... "
L. Brewer, Rd. Mast..... "

56—



Brill Model 75 Gasoline Car which made the record run, Philadelphia to St. Louis, 1006 miles in 30 hrs. 10 min.

Brill Self-Propelled Cars

For Every Class Short and Branch Line Service

Model 55—Four-Cylinder Engine. 11 ft. 3 in. baggage space. Seating capacity: 43. No trailer.

Model 65—Six-Cylinder Engine. 12 ft. 4 in. baggage space. Seating capacity: motor car, 41; trailer, 36.

Model 75—Six-Cylinder Engine. 16 ft. 3 in. baggage space. Seating capacity: motor car, 56; trailer, 60.

Gas-Electric—Six-Cylinder 250 Hp. Engine. 19 ft. 3 in. baggage space. Seating capacity: motor car, 50; trailer, 60.

AUTOMOTIVE CAR DIVISION
The J. G. Brill Company
Philadelphia, U. S. A.

57—BALTIMORE & EASTERN R.R. CO.
38 Mls, 3 Loco, Cars: 22 Frt, 12 Pass, 2 Misc
For officials see B., C. & A. Ry., No. 61.

58—BALTIMORE & OHIO R.R. SYSTEM
5,197 Mls, 2,449 Loco (including 11 Electric), Cars: 98,413 Frt, 1,430 Pass, 3,683 Misc
Mileage also shown separately for each Line.

ROAD NO.
58—Baltimore & Ohio R. R. Co., The
*59—Baltimore & Ohio Chicago Terminal R. R. Co., The
*Mileage and Equipment shown separately.
New York address, 2 Wall St.
Chicago address, Merchants Loan & Trust Bldg.

System Officials.

EXECUTIVE, FINANCIAL AND LEGAL.
Daniel Willard, Pres.....Baltimore, Md
G. H. Campbell, Asst. to Pres..... "
J. S. Murray, Asst. to Pres... "
E. C. Washburn, Asst. to Pres.....New York, N. Y
G. M. Shriver, Sr. V.-Pres. (Acct., Treas., Claim & Relief Depts.).....Baltimore, Md
F. C. Batchelder, V.-Pres...Chicago, Ill
C. W. Galloway, V.-Pres..Baltimore, Md
A. Fries, V.-Pres..... "
C. W. Woolford, Sec..... "
G. F. May, Asst. Sec..... "
E. M. Devereux, Treas.... "
R. B. Luckey, Asst. Treas. & Transf. Agt.....New York, N. Y
T. H. Schultz, Asst. Treas.. } Baltimore,
J. Q. McComas, Asst. Treas. } Md.
J. J. Cornwell, Gen. Coun... "
D. Willard, Jr., Asst. to Gen. Coun..... "
M. B. Wild, Statistician..... "
H. R. Preston, Gen. Solr..... "

GENERAL ATTORNEYS.
A. H. Boyd, Jr.....Baltimore, Md
D. K. Brent..... "
R. M. Smith..... "

ASSISTANT GENERAL ATTORNEYS.
A. S. Bowie.....Baltimore, Md
F. R. Cross..... "
C. R. Webber..... "
E. W. Young..... "
C. W. Egan, Gen. Clm. Agt. Baltimore, Md
F. J. Griffith, Tax Agt..... "
H. McNeil, Asst. Tax Agt..... "

ACCOUNTING.
G. M. Shriver, Sr. V.-Pres.. } Baltimore.
F. X. Milholland, Asst. to Sr. V.-Pres..... } Md.
J. J. Ekin, Compt..... "
W. D. Owens, Asst. Compt.... "
F. A. Deverell, Asst. Compt.... "
J. P. O'Malley, Asst. Compt.... "
O. J. Rider, Gen. Acct..... "

AUDITORS.
L. A. Lambert (Coal & Coke Rec.)..... } Baltimore, Md.
C. G. Pollock (Misc. Accts.). "

AUDITORS—CONTINUED.
C. H. Poumairat (Pass. Rec.) } Baltimore
G. H. Pryor (Disb.)..... } Md.
W. E. Rittenhouse (Mdse. Rec.)..... "
J. F. Schutte (Frt. Clms.) ... "

ASSISTANT AUDITORS.
N. F. Davis (Mdse. Rec.)... } Baltimore,
W. B. Dudderar (Coal & Coke Rec.)..... } Md.
L. M. Grice (Pass. Rec.)..... "
S. W. Hill (Disb.)..... "
H. S. Maccubbin (Mdse. Rec.) "
Q. E. Turner, Ch. Trav. Aud.....Baltimore, Md

FREIGHT CLAIM DEPARTMENT.
C. C. Glessner, Gen. Frt. Clm. Agt..... } Baltimore, Md.
F. L. Schepler, Asst. to Gen. Frt. Clm. Agt..... "
F. L. Charles, Asst. to Gen. Frt. Clm. Agt.....Cincinnati, O

RELIEF DEPARTMENT.
W. J. Dudley, Supt.....Baltimore, Md
W. M. Kennedy, Asst. Supt. "
E. V. Milholland, Med. & Surg. Dir..... "

TRAFFIC.
A. Fries, V.-Pres..... } Baltimore,
G. Shumate, Gen. Frt. Traf. Mgr..... } Md.
S. Strachan, Asst. to Gen. Frt. Traf. Mgr..... "
F. J. Couse, For. Frt. Traf. Mgr. "
W. B. Calloway, Pass. Traf. Mgr..... "
W. E. Lowes, Asst. to Pass. Traf. Mgr..... "
E. N. Thorn, Asst. G. P. A... "
J. C. McCahan, Mgr. Mail & Express Traf..... "
E. V. Baugh, Mgr. Din. Car & Commsy. Dept..... "
J. P. Dugan, Gen. Bag. & Milk Agt..... "
H. A. Cochran, Coal Traf. Mgr. "
R. A. Ebe, Gen. Live Stock Agt. "
E. D. Curtis, Asst. Gen. Live Stock Agt.....Pittsburgh, Pa

COMMERCIAL DEVELOPMENT DEPARTMENT.
H. O. Hartzell, Exec. Asst. to V.-Pres..... } Baltimore, Md.
O. K. Quivey, Gen. Agri. Agt. "
L. S. Hartley, Agri. Agt..... "
E. B. Baugh, Agri. Agt..Pittsburgh, Pa
P. O. Hurley, Agri. Agt...Cincinnati, O
G. P. Grimsley, Geological Eng..... } Baltimore, Md.
D. Hum, Jr., Ind. Survey Agt. "

OPERATING.
C. W. Galloway, V.-Pres... } Baltimore,
F. E. Blaser, Asst. to V.-Pres } Md.
J. R. Kearney, Asst. to V.-Pres. "
L. C. Sauernammer, Asst. to V.-Pres..... "
C. Selden, Gen. Insp. Trans.. "
E. T. Horn, Ch. of Yd. & Term. Oper..... "

STANDARD COUPLERS
STANDARD STEEL PLATFORMS
SESSIONS-STANDARD FRICTION DRAFT GEAR
Made by Standard Coupler Co. 110 East 42d St., N. Y.

Locomotive Castings Journal Bearings

INCREASE INCOME
BY KEEPING EQUIPMENT
IN SERVICE.

THE EFFICIENCY OF YOUR
LOCOMOTIVES AND CARS
IS EXTREMELY DEPENDENT ON
QUALITY AND WORKMANSHIP
OF THEIR
BRONZE WEARING PARTS.

"Our Success is Your Insurance"

CHICAGO BEARING METAL COMPANY

MANUFACTURERS OF QUALITY PRODUCT

PLANTS AT

CHICAGO, ILL. WAYNESBORO, PA.

58—BALTIMORE & OHIO—Continued.

System Officials—Continued.

O. E. West, Asst. Ch. of Yd. & Term. Oper. ..... Baltimore, Md.
C. A. Plumly, Supt. Tel. ..... "
B. F. Thompson, Telep. Eng. .. "
R. L. Schill, Mgr. Sta. Oper. .. "
J. T. Broderick, Supt. Saf. Dept "
W. W. Wood, Chief Welfare Dept. ..... "
J. H. Clark, Supt. Float Equip. ..... New York, N. Y
H. L. Denton, Gen. Supt. Police ..... Baltimore, Md
E. A. Foos, Fuel Agt. ..... "
W. L. Robinson, Supt. Fuel & Loco. Performance .... "
C. W. Van Horn, Gen. Supt. Trans. ..... "
G. F. Malone, Supt. C. S. ..... "

PURCHASING.

W. S. Galloway, Pur. Agt. ..... Baltimore, Md.
E. W. Thornley, Asst. Pur. Agt. ..
T. J. Murphy, Asst. to Pur. Agt. ..
D. A. Williams, Asst. to Pur. Agt. "
E. W. Walther, Asst. to Pur. Agt. "
E. E. Herold, Stationer ..... "
S. M. Elder, Lumb. Agt. ..... "

STORES DEPARTMENT.

H. P. McQuilkin, Gen. Str. Kpr. ..
F. E. Johnson, Asst. Gen. Str. Kpr. ..
W. M. Hinkey, Supvr. Matls. .... Baltimore, Md.

MECHANICAL.

G. H. Emerson, Ch. M. P. & Equip. ..... Baltimore, Md.
O. C. Cromwell, Asst. to Ch. M. P. & Equip. ..... "
J. T. Carroll, Gen. Supt. M. P. & Equip. ..... "
A. G. Sandman, Mech. Eng. .. "
W. B. Whitsitt, Asst. Mech. Eng. ..... "
J. J. Tatum, Gen. Supt. Car Dept. ..... "
J. H. Davis, Ch. Eng. Elec. Traction ..... "
L. S. Billou, Asst. Elec. Eng. "
C. P. Van Gundy, Eng. Tests "
S. C. Tanner, Supt. Shops ..... Martinsburg, W. Va
C. M. Newman, Supvr. Shops ..... Baltimore, Md.
A. G. Walther, Asst. Supvr. Shops ..... "
J. F. Peach, Supvr. Maint. of Equip., Statistics & Exp. .... "
G. A. Schmoll, Supvr. Loco. Maint. ..... "
F. H. Lee, Supvr. Frt. Car Maint. ..... "
T. H. Russum, Supvr. Pass. Car Maint. ..... "
C. B. Raynor, Supvr. Weld. .... "
W. F. Peck, Supvr. Air Brks. "
W. C. Garaghty, A. B. Instr. "
W. Shriver, A. B. Instr. .. Cincinnati, O
F. C. Turnley, A. B. Instr. Baltimore, Md
W. R. Hedeman, Ch. Draft. "

ENGINEERING, BRIDGES & ROADWAY

H. A. Lane, Ch. Eng. ..... Baltimore, Md.
H. R. Talcott, Asst. Ch. Eng. ..
E. L. Gosnell, Asst. to Ch. Eng. "
H. Gardner, Spec. Eng. ..... "
A. M. Kinsman, Eng. Const. .. "
J. T. Wilson, Consit. Eng. Coraopolis, Pa
P. Didier, Prin. Asst. Eng. .. Pittsburgh, Pa
J. E. Greiner, Consit. Brdg. Eng. ..... Baltimore, Md.
W. S. Bouton, Consit. Eng. .. "
P. G. Lang, Jr., Eng. Brdgs. .. "
C. E. Sloan, Asst. Eng. Brdgs. "
L. P. Kimball, Eng. Blogs. .. "
F. L. Riley, Asst. Eng. Bldg. "
J. H. Milburn, Off. Eng. ..... "
E. Southerington, Off. Eng. ..... Cincinnati, O
J. W. Linnbaum, Ch. Drafts-man ..... Baltimore, Md.
L. C. Dodge, Ch. Brdg. Draft. "

DISTRICT ENGINEERS.

A. C. Clarke ..... Pittsburgh, Pa
A. H. Griffith ..... Cincinnati, O
R. Mather ..... Baltimore, Md

ASSISTANT ENGINEERS.

W. A. Barrett ..... Pittsburgh, Pa
P. A. Callahan ..... Union Sta., Cincinnati, O
G. F. Cunningham ..... Pittsburgh, Pa
W. W. Gwathmey .. Clarksburg, W. Va
W. C. Hart ..... Baltimore, Md
O. L. McCabe ..... "
J. H. Mulvey ..... Pittsburgh, Pa
J. P. Ray ..... Cincinnati, O
W. M. Ray ..... Pittsburgh, Pa
R. Reimann ..... Baltimore, Md
J. T. Teders ..... Philadelphia, Pa

REAL ESTATE DEPARTMENT.

C. H. Moran, R. E. Agt. .... Baltimore, Md.
B. S. Mace, Supt. Ins. ..... "

VALUATION DEPARTMENT

J. B. Jenkins, Valua. Eng. .. Baltimore, Md.
H. B. Dick, Asst. Valua. Eng. ..

MAINTENANCE OF WAY AND STRUCTURES.

E. Stimson, Ch. Eng. Maint. Baltimore, Md.
C. C. Cook, Maint. Eng. .... "
G. F. Eberly, Asst. Maint. Eng. "
W. R. Edwards, Asst. Maint. Eng. ..... "
J. B. Myers, Eng. Rdway & Trk. "
J. T. Andrews, Asst. Eng. .... "
R. C. Slocomb, Asst. Eng. .... "
E. K. Lawrence, Gen. Scale Insp. ..... "
E. E. Alexander, Supvr. Tie Plant .. Green Spring, W. Va

SIGNAL DEPARTMENT.

F. P. Patenall, Sig. Eng. .... Baltimore, Md.
G. H. Dryden, Prin. Asst. Sig. Eng. ..... "
R. W. Taylor, Asst. Sig. Eng. "
P. P. Zepp, Asst. Sig. Eng. .. "
G. A. Motry, Sig. Insp. ..... "

58a Eastern Lines.

2,638 Mls. (Mileage also included in B. & O. R. R. System No. 58.)

OPERATING.

E. W. Scheer, Gen. Mgr. .. Baltimore, Md
C. G. Martin, Asst. to Gen. Mgr. "

Camel Company

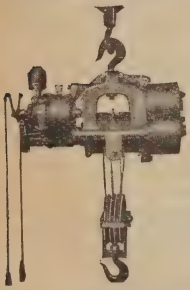
332 So. Michigan Ave. Chicago, Ill.

Camel No. 27 Door Fixtures
Camel No. 30 Door Fixtures
Camel No. 32 Door Fixtures
Camel No. 50 Bottom-Supporting Door Fixtures
Camel-Gilroy Bottom-Supporting Door Fixtures
End Door Fixtures
Camel Steel Doors
Camel Burglar Proof Locking, Starting and Closing Devices

For Box Cars
Ventilated Cars
Automobile Cars
Stock Cars in either Steel or Wood

Burglar, Spark, Storm Proof DEVICES FOR DOORS

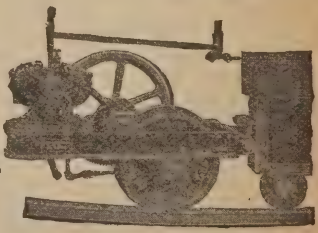
J. M. Hopkins, Chairman of Board
W. W. Darrow, President Hugh E. Creer, Vice-President



PNEUMATIC MOTORS
2 to 15 H. P.

CRANES
DERRICKS
WINCHES
ETC.

DETROIT
IMPROVED
Locomotive
Turntable
Pneumatic and
Electric Tractors



Geared PNEUMATIC Hoists
Geared ELECTRIC Hoists
1 to 10 Tons Capacity

Detroit Hoist and Machine Co.
8201 Morrow Street
DETROIT, MICH.

ALTIMORE & OHIO—Continued

58a—Eastern Lines.—Continued.

GENERAL SUPERINTENDENTS.

R. W. Brown.....Baltimore, Md
E. A. Peck.....Pittsburgh, Pa
J. M. Scott.....Wheeling, W. Va
J. A. Spielmann (Asst. to) .Pittsburgh, Pa

DIVISION SUPERINTENDENTS.

J. D. Beltz.....Connellsville, Pa
W. F. Booth (Term.).....Pittsburgh, Pa
T. K. Faherty.....Grafton, W. Va
C. B. Gorsuch.....Wheeling, W. Va
F. G. Hoskins.....Baltimore, Md
M. S. Kopp.....Pittsburgh, Pa
H. R. Laughlin.....Cumberland, Md
C. M. Shriver (Term.)....Baltimore, Md
W. Trapnell.....Weston, W. Va

ASST. DIVISION SUPERINTENDENTS.

J. C. Kinton.....Gassaway, W. Va
S. C. Wolfersberger.....Somerset, Pa

SUPERVISORS OF LOCOMOTIVE OPERATION.

T. B. Burgess.....Wheeling, W. Va
W. E. Cavey.....Baltimore, Md
L. Cramblitt.....Pittsburgh, Pa
F. Kerby.....Cumberland, Md
J. D. Clarke, Supt. Trans..Baltimore, Md
C. W. Gorsuch, Trans. Asst.....Pittsburgh, Pa
C. E. Wood, Supt. Elevs. Baltimore, Md

TRAFFIC.

W. F. Richardson, Frt. Traf. Mgr.....New York, N.Y
S. House, Asst. Frt. Traf. Mgr.....Baltimore, Md

GENERAL FREIGHT AGENTS.

J. H. Carroll, Jr.....Pittsburgh, Pa
G. S. Harlan.....Philadelphia, Pa
H. H. Marsh.....Wheeling, W. Va
C. S. Roberts.....Baltimore, Md

ASST. GENERAL FREIGHT AGENTS.

R. J. Beggs.....Baltimore, Md
A. L. Doggett.....Pittsburgh, Pa
J. L. Hayes.....Baltimore, Md
W. N. Mitchell, Gen. So. Eastern Frt. Agt.....Atlanta, Ga
J. W. Hartzell, For. Frt. Agt.....Philadelphia, Pa

GENERAL PASSENGER AGENTS.

H. B. Faroat.....Baltimore, Md
W. V. Shipley (Asst.). Washington, D.C
J. P. Taggart (Asst.).....Pittsburgh, Pa
J. B. Scott, Gen. East. Pass. Agt.....New York, N.Y.
C. H. Ashar, Gen. Coal Frt. Agt.....Baltimore, Md
C. W. Shinnamon, Coal Frt. Agt..... "
W. H. Fogle, Ch. Tar. Bur. "

INDUSTRIAL AGENTS.

G. W. Arnold.....Cincinnati, O
W. I. Bishop.....Baltimore, Md
R. L. Hamme.....Wheeling, W. Va
W. E. Hampton.....Pittsburgh, Pa
J. M. McDermott.....Chicago, Ill
J. W. Phipps, Jr.....St. Louis, Mo

PURCHASING.

See B. & O. R. R. Sys., No. 53.

STORES DEPARTMENT.

DISTRICT STORE KEEPERS.

W. E. Steen.....Pittsburgh, Pa
W. C. Ware.....Wheeling, W. Va
E. A. Workman.....Baltimore, Md

STORE KEEPERS.

L. Abair.....Connellsville, Pa
F. Blanchard.....Camden Sta., Baltimore, Md
W. C. Guthrie.....Keyser, W. Va
C. R. Kincaid.....Benwood, W. Va
L. G. Kohler.....Philadelphia, Pa
H. C. Miller.....Grafton, W. Va
J. R. Orndorff.....Glenwood, Pa. P. O. Pittsburgh
F. H. Remaley.....Gassaway, W. Va
H. Shoemaker. Mt. Clare. Baltimore, Md
B. B. Stuart.....Riverside, Baltimore, Md
C. G. Sutton.....Cumberland, Md

ASSISTANT STORE KEEPERS.

F. W. Adams.....Pittsburgh, Pa
D. A. Barringer.....Locust Point, Baltimore, Md
S. T. Beckwith.....Mt. Clare, Baltimore, Md
B. R. Black.....Grafton, W. Va
C. B. Britt.....Cumbo, W. Va P. O. Martinsburg
V. B. Coyle.....Cumberland, Md
J. G. Dahlem.....Curtis Bay, Md
V. E. Farrell.....Sabraton, W. Va
C. S. Filler.....Fairmont, W. Va
E. A. Forbriger.....Glenwood, Pa
F. A. Jarres.....Somerset, Pa
H. Lauman...Mt. Clare, Baltimore, Md
R. R. Ricker.....Wicomico St., Baltimore, Md
O. W. Riley.....Connellsville, Pa
A. D. Rosier.....Foxburg, Pa
P. T. Satterfield.....Weston, W. Va
D. Schaefer.....Curtis Bay, Md
H. F. Schwab.....Benwood, W. Va
W. H. Shaw.....Cumberland, Md
C. S. Snelling.....Clarksburg, W. Va
C. L. Tucker.....Allegheny, Pa
J. W. Tucker.....Glenwood, Pa. P. O. Pittsburgh
W. E. Wall.....Cumberland, Md
W. M. Walsh.....Holloway, O
C. M. Weser.....Parkersburg, W. Va
C. R. Wheeler.....Brunswick, Md

MECHANICAL.

C. A. Gill, Supt. M.P.....Baltimore, Md

DISTRICT MASTER MECHANICS.

A. K. Galloway.....Baltimore, Md
A. H. Hodges.....Glenwood, Pa P. O. Pittsburgh
A. E. McMillan.....Wheeling, W. Va

MASTER MECHANICS.

F. A. Baldinger.....Benwood, W. Va
J. E. Brady.....Riverside, Baltimore, Md
H. J. Burkley.....Glenwood, Pa. P. O. Pittsburgh
R. H. Cline.....Grafton, W. Va
F. W. Fritchey.....Cumberland, Md
J. P. Hines.....East Side Shops, Philadelphia, Pa

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York - Chicago

LOCOMOTIVE FEED WATER TREATMENT

PAIGE-JONES

WAYSIDE TANK METHOD (Internal).
Water treated at the source.
No plant or expert attendant.
Investment nominal.

LIME-SODA PLANTS (External).
Precipitation method,
continuous or intermittent.

PRESSURE SAND FILTERS.
Vertical and horizontal design.

PAIGE & JONES CHEMICAL CO., Inc.
CHICAGO NEW YORK
Technical Department and Laboratory, Hammond, Ind.

SWITCHES FROGS CROSSINGS

SPECIAL TRACKWORK
Of All Constructions

Originators of
MANGANESE STEEL TRACKWORK

Wm. Wharton Jr. & Co., Inc.
EASTON, PA.
OFFICES:
Boston Philadelphia Pittsburgh Denver
New York Scranton Chicago San Francisco

BALTIMORE & OHIO—Continued.

58a—Eastern Lines.—Continued.

MASTER MECHANICS—CONTINUED.

C. E. McGann.....Gassaway, W. Va
W. B. Porterfield..... { Riverside, Baltimore, Md
J. W. Schad.....Connellsville, Pa

ASSISTANT MASTER MECHANICS.

W. J. Dixon.....Keyser, W. Va
T. E. Mewshaw.....Cumberland, Md
H. E. Whitener.....Holloway, O

ROAD FOREMEN OF ENGINES.

F. R. Browning.....Connellsville, Pa
J. C. Cannon (Term). ...Baltimore, Md
M. A. Carney.....Keyser, W. Va
C. F. Dotson.....Grafton, W. Va
W. N. Foster.....Cumberland, Md
P. D. Marsh.....Weston, W. Va
C. H. Norris.....Baltimore, Md
J. L. Norris ..... { Glenwood, Pa. P. O. Pittsburgh.
C. R. Radcliffe.....Benwood, W. Va
J. E. Sentman.....Philadelphia, Pa
L. J. Wilmoth (Term.) Cumberland, Md

ASST. ROAD FOREMEN OF ENGINES.

F. R. Berg.....Callery, Pa
H. P. Brant.....Connellsville, Pa
H. T. Clark.....Cumberland, Md
G. D. Coleman..... { East Side, Philadelphia, Pa.
H. H. Harper.....Martinsburg, W. Va
A. B. McGeachie.....Pittsburgh, Pa
J. P. O'Donnell.....Smithfield, Pa
E. C. Pope.....Frederick Jct., Md
W. H. Powell.....Benwood, W. Va
T. H. Robey.....Cumberland, Md
C. Schuh.....Rockwood, Pa
O. O. Sterne.....Keyser, W. Va
M. J. Tighe.....Parkersburg, W. Va

GEN. FOREMEN LOCOMOTIVE DEPARTMENT.

H. L. Bach.....Wilsmere, Del
C. W. Burke.....Grafton, W. Va
W. H. Burkett.....Johnstown, Pa
C. A. Cage.....Somerset, Pa
W. P. Cannon.... { Hardman, W. Va. P. O. Independence
C. J. Conners.....Benwood, W. Va
P. R. Cordle..... { Glenwood, Pa. P. O. Pittsburgh
W. R. Earle.....Cumberland, Md
J. E. Fahey.....Benwood, W. Va
H. L. Fleming,..... { Glenwood, Pa. P. O. Pittsburgh
C. E. Gainer.....Parkersburg, W. Va
M. A. Graney.....Keyser, W. Va
J. R. Grove.....Cumberland, Md
J. F. Haggerty..... { Glenwood, Pa. P. O. Pittsburgh
W. F. Hayes.....
G. T. Hice.....Sabraton, W. Va
E. B. Horner..... { Cumbo, W. Va. P. O. Martinsburg
O. J. Kelly.....Weston, W. Va
W. O. Kennedy.....Holloway, O
C. F. Kerr.....Mt. Clare, Baltimore, Md
W. H. Longwell.....Gassaway, W. Va
F. G. Maxfield.....Martinsburg, W. Va
H. J. Mienert.....Allegheny, Pa
G. B. Mowery.....Fairmont, W. Va
M. E. Mullen.....Brunswick, Md
A. W. Pelton.....Foxburg, Pa

GEN. FOR. LOCOMOTIVE DEPT.—CONT'D.

L. L. Robinson.....Smithfield, Pa
J. A. Schiffgen.....Holloway, O
W. M. Shipley..... { Riverside, Baltimore, Md
F. A. Sliger.....Connellsville, Pa
C. B. Smith, East Side, Philadelphia, Pa
W. W. Smith. ... { M. & K. Jct., W. Va. P. O. Rowlesburg.
S. J. Tighe.....Clarksburg, W. Va
J. F. Young, Jr..... { Riverside, Baltimore, Md

DISTRICT MOTIVE POWER INSPECTORS.

D. E. Hertz.....Baltimore, Md
P. T. Poole.....Pittsburgh, Pa
G. F. Wiles.....Wheeling, W. Va

DISTRICT BOILER INSPECTORS.

W. J. Craig.....Pittsburgh, Pa
I. J. Pool.....Baltimore, Md
C. D. Powell.....Wheeling, W. Va

DISTRICT ELECTRICAL SUPERVISORS.

W. A. Camden.....Wheeling, W. Va
R. W. Eves.....Pittsburgh, Pa
F. A. Helfrich.....Baltimore, Md

DISTRICT MASTER CAR BUILDERS.

W. W. Calder.....Baltimore, Md
T. H. Hollen.....Wheeling, W. Va
E. B. Miller.....Pittsburgh, Pa

GENERAL FOREMEN CAR DEPARTMENT.

W. H. Battenhouse.....Pittsburgh, Pa
H. A. Beaumont, Mt. Clare, Baltimore, Md
E. F. Davis.....Cumberland, Md
A. H. Keys..... { Riverside, Md. P. O. Baltimore.

SHOP SUPERINTENDENTS.

F. E. Cooper..... { Glenwood, Pa. P. O. Pittsburgh
J. Howe.....Cumberland, Md
C. M. Scott.....Keyser, W. Va
T. R. Stewart..Mt. Clare, Baltimore, Md

ASSISTANT SHOP SUPERINTENDENTS.

H. T. Cromwell..... { Glenwood, Pa. P. O. Pittsburgh
W. S. Eyerly..... { Mt. Clare, Baltimore, Md
D. E. Linn.....Cumberland, Md
T. M. Fey, Gen. For. Elec. Dept..... { Baileys, Baltimore, Md
P. T. Lacey, Supt. Bolt & Forge Shop.....Cumberland, Md
C. T. Carney, Supt. Rolling Mill..... "
J. F. Kline, Supvr. Shop Mach. & Tools..... { Mt. Clare, Baltimore, Md

FOREMEN PAINTERS.

W. J. Crew (Car Dept.)...Baltimore, Md
D. H. Tatum (Loco. Dept.). "

ENGINEERING, BRIDGES & ROADWAY MAINTENANCE OF WAY AND STRUCTURES.

E. G. Lane, Eng. M. W....Baltimore, Md

ASSISTANT ENGINEERS MAINTENANCE OF WAY AND STRUCTURES.

J. Edwards.....Pittsburgh, Pa
T. H. Gordon.....Baltimore, Md
A. Hansen..... "
A. B. Himes..... "

DIVISION ENGINEERS.

T. Bloecher, Jr.....Wheeling, W. Va
G. S. Crites.....Baltimore, Md
G. B. Farlow.....Weston, W. Va

SAFETY LIGHTING FIXTURES The Safety C. H. & L. Co. 2 Rector St., New York.

HY-CROME-NUTLOCKS

THE RELIANCE MFG. CO.

MASSILLON, OHIO

New York Cleveland Detroit Chicago St. Louis

CAR HEATING

VAPOR CAR HEATING CO., Inc.

RAILWAY EXCHANGE

CHICAGO

NEW YORK,
30 Church Street

BOSTON,
53 State Street

ST. PAUL,
Merchant Nat. Bank Bldg.

WASHINGTON, D. C.,
Munsey Building

PHILADELPHIA,
Commercial Trust Building

SAN FRANCISCO,
Hobart Building

MONTREAL, CANADA, 65 Dalhousie Street

BALTIMORE & OHIO—Continued.

58a—Eastern Lines.—Continued.

DIVISION ENGINEERS—CONT'D.

H. R. Gibson.....Connellsville, Pa
H. H. Harsh.....Pittsburgh, Pa
C. B. Harveson.....Baltimore, Md
J. L. Maher.....Grafton, W. Va
P. Petri.....Cumberland, Md

ASSISTANT DIVISION ENGINEERS.

H. N. Anderson.....Pittsburgh, Pa
H. L. Exley.....Baltimore, Md
L. E. Haislip.....Wheeling, W. Va
M. B. Jones.....Cumberland, Md
W. E. Kearfott.....Keyser, W. Va
J. H. Lindsay.....Connellsville, Pa
G. Long.....Wheeling, W. Va
H. A. Lynch.....Weston, W. Va
W. C. Pembroke.....Grafton, W. Va
H. W. Routenberg.....Baltimore, Md

DISTRICT BRIDGE INSPECTORS.

H. A. Dawley.....Parkersburg, W. Va
J. Wise.....Baltimore, Md

MASTER CARPENTERS.

J. W. Chaplin.....Weston, W. Va
H. L. Forney.....Pittsburgh, Pa
E. M. Garner.....Parkersburg, W. Va
R. Jamieson.....Baltimore, Md
J. B. Koch.....Grafton, W. Va
W. E. Love.....Connellsville, Pa
H. M. Potts.....Wheeling, W. Va
F. A. Taylor.....Cumberland, Md
T. E. Thomas (Asst.)..Philadelphia, Pa
A. W. Walter.....Baltimore, Md

GENERAL SUPERVISORS OF ROAD.

T. F. Donahoe.....Pittsburgh, Pa
I. S. Sponseller.....Cumberland, Md
A. G. Zepp.....Baltimore, Md

SUPERVISORS OF ROAD.

W. F. Berrett.....Baltimore, Md
G. M. Bryan.....Ravenswood, W. Va
E. J. Clopton.....Philadelphia, Pa
J. G. Collinson.....West Newton, Pa
J. E. Conley.....Gassaway, W. Va
T. J. Conley.....Buckhannon, W. Va
G. V. Daniels.....Weston, W. Va
A. E. Dwire.....Somerset, Pa
R. E. Eader.....Brunswick, Md
M. Foley.....Meyersdale, Pa
C. Foltz.....{ Hancock, W. Va / P. O. Brosius
M. P. Fox.....Washington, Pa
C. L. Fretwell.....Sabraton, W. Va
D. J. Galvin.....Kane, Pa
B. F. Hanna.....Rockwood, Pa
C. E. Hanna.....Millvale, Pa
W. R. House.....Cumberland, Md
G. W. Huffman.....Martinsburg, W. Va
S. S. Johnson.....Parkersburg, W. Va
M. W. Keefer.....Romney, W. Va
M. W. Laffey.....Rowlesburg, W. Va
T. A. Laffey.....Piedmont, W. Va
P. J. Lalley.....Foxburg, Pa
A. L. Leighty.....Wilmington, Del
S. J. Lichliter.....Harrisonburg, Va
A. L. Lowe.....Huntington, W. Va
W. D. Lucas.....Bridgeport, O
J. R. Malone.....Baltimore, Md
R. Malone.....Smithfield, Pa
D. C. McGregor.....{ Glenwood, Pa / P. O. Pittsburgh

SUPERVISORS OF ROAD—CONTINUED.

D. R. McWilliams.....Grafton, W. Va
W. H. Metzger.....Connellsville, Pa
E. H. Nichols..... "
E. C. Parks.....Laurel, Md
J. A. Roberts...New Martinsville, W. Va
C. W. Selby.....Gaithersburg, Md
J. F. Shafferman.....Fairmont, W. Va
B. W. Straw.....Mount Airy, Md
G. H. Strople.....Callery, Pa
H. H. Tederick.....Fairmont, W. Va
D. S. Westfall.....Gassaway, W. Va
L. T. Wilfong.....Clarksburg, W. Va
J. H. Wintermoyer...Wheeling, W. Va
C. O. Wolfersberger.....Aberdeen, Md
W. C. Wright.....Moundsville, W. Va
R. E. Zepp.....Clarksburg, W. Va

SIGNAL SUPERVISORS.

J. P. Buzzard.....Pittsburgh, Pa
S. B. Keller.....Wheeling, W. Va
J. G. Lester.....Cumberland, Md
A. J. Penrod, Jr.....Wilmington, Del
B. H. Prinn.....Baltimore, Md
T. W. Scott.....Connellsville, Pa
T. M. Walker.....Grafton, W. Va

58c—New York Terminal Lines.

5 Mls. (Mileage also included in B. & O. R.R. System No. 58)

W. G. Curren, Gen. Mgr. { 25 Broadway, New York, N. Y
J. H. Clark, Supt. Float. Equip..... "
M. L. McElheny, Supt..... { St. George, Staten Island, N. Y
W. G. Traister, Str. Kpr..... { Clifton, Staten Island, N. Y
J. F. Bowden, M. M... "
H. E. Childs, Asst. M. M. "
A. J. Conley, Rd. For. Eng..... { St. George, Staten Island, N. Y
J. A. McCaffrey, Rd. For. Eng..... "
H. A. Lane, Ch. Eng.....Baltimore, Md
J. L. Suesserott, Div. Eng..... { St. George, Staten Island, N. Y
W. E. Pettigrew, Asst. Div. Eng..... "
R. F. Farlow, Mast. Carp. "
W. Ryan, Trk. Supvr... "
W. L. Dryden, Sig. Supvr. "

58b—Western Lines (Lines West of Parkersburg, Wheeling and Pittsburgh).

2554 Mls. (Mileage also included in B. & O. R. R. System No. 58)

OPERATING.

H. B. Voorhees, Gen. Mgr..Cincinnati, O
E. B. Russell, Asst. to Gen. Mgr..... "
R. B. Mann, Supt. Trans.. "
C. R. Elkins, Asst. Supt. Trans..... "
M. R. Waite, Gen. Solr.... "
W. A. Eggers, Asst. Gen. Solr. "
H. S. Harr, Asst. Gen. Solr. "
E. L. Williams, Gen. Clm. Agt. "

GENERAL SUPERINTENDENTS.

F. B. Mitchell (So. W. Dist.) Cincinnati, O
D. F. Stevens (Nor. W. Dist.).....Cleveland, O

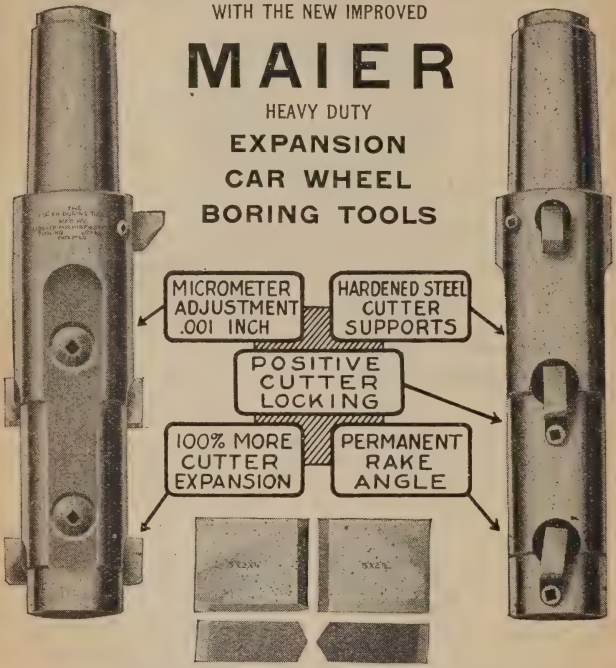
Wheel Boring Efficiency

WITH THE NEW IMPROVED

MAIER

HEAVY DUTY

EXPANSION
CAR WHEEL
BORING TOOLS



IMPROVED BORING TOOL CUTTERS

Increased Production, at Lower Cost, is assured with MAIER Boring Tools.

Send For Full Particulars.

Mfgd. by **LIBERTY MACHINE WORKS**

906-8-10 N. Market St., St. Louis, Mo., U.S.A.

BALTIMORE & OHIO—Continued.

58b—Western Lines (Lines West of Parkersburg, Wheeling & Pittsburgh)—Continued.

DIVISION SUPERINTENDENTS.

H. C. Batchelder (Asst.).....Willard, O
J. B. Carothers .....Chillicothe, O
J. E. Fahy.....Newark, O
S. U. Hooper.....Akron, O
A. A. Iams.....Dayton, O
J. W. Kelly, Jr. (Asst.).....Toledo, O
H. G. Kruse.....Garrett, Ind
C. G. Stevens.....Washington, Ind

SUPERVISORS LOCOMOTIVE OPERATION.

B. F. Crolley.....Cincinnati, O
F. Hodapp..... "
C.H.Dyson, Asst. Fuel Agt..Cincinnati, O

TRAFFIC.

FREIGHT TRAFFIC MANAGERS.

S. A. Allen.....Chicago, Ill
W. W. Blakely (Asst.)....Cincinnati, O
E. Hart, Jr. (Asst.).....Chicago, Ill
H. R. Lewis.....Cincinnati, O
J. D. Marney, (Asst.).....St. Louis, Mo
S.T.McLaughlin (Asst.to)..Cincinnati, O

GENERAL FREIGHT AGENTS.

P. D. Freer.....Cincinnati, O
J. G. Fry (So. Western)....St. Louis, Mo
E. B. Tullis.....Chicago, Ill

ASST. GENERAL FREIGHT AGENTS.

R. L. Galleher.....Cincinnati, O
J. C. Kimes.....Cleveland, O
J. W. Melone.....Chicago, Ill
J. C. Miller..... "
C. H. Pumphrey.....Louisville, Ky

GENERAL PASSENGER AGENTS.

E. D. Ainslie (Asst.).....St. Louis, Mo
W. G. Brown.....Chicago, Ill
G. W. Squiggins.....Cincinnati, O
J. P. Taggart (Asst.).....Pittsburgh, Pa

COAL FREIGHT AGENTS.

J. P. Leingang.....Cleveland, O
J. A. Scheuerman.....Cincinnati, O

PURCHASING.

See B. & O. R. R. System, No. 58.

STORES DEPARTMENT.

DISTRICT STORE KEEPERS.

V. N. Dawson.....Cincinnati, O
F. A. Murphy..... "

STORE KEEPERS.

T. H. Barker.....Ivorydale, O
T. E. Britt.....Washington, Ind
E. B. Isenogle.....Chillicothe, O
R. Kazmarek.....Garrett, Ind
H. E. Litchfield.....Lima, O
H. A. Lockhart.. } New Castle Jct., Pa / P. O. Newcastle
F. W. Reynolds.....Newark, O
C. H. Rothgery.....Lorain, O
C. J. Vanderbosch.....Willard, O

ASSISTANT STORE KEEPERS.

H. E. Baum.....Chillicothe, O
C. E Brennan.....South Chicago, Ill
F. M. Brown.....Toledo, O
F. Delawder.....Lima, O
R. Dunbar.....East St. Louis, Ill
W. T. Giblin.....Sandusky, O
J. H. Grafton.....Cleveland, O

ASSISTANT STORE KEEPERS—CONTINUED.

O. J. Grinewetsky.....Zanesville, O
W. H. Hathaway.....Painesville, O
L. S. McClelland.....Dayton, O
P. J. Mullen.....Lorain, O
J. Naylor.....Washington, Ind
O. J. Payne.....Willard, O
L. S. Steen.....Flora, Ill
E. Westlund.....Cincinnati, O

MECHANICAL.

W. Malthaner, Supt. M. P. Cincinnati, O
G. R. Galloway, Dist. M. M. "
W. D. Johnston, Dist. M. M. "

MASTER MECHANICS.

F. R. Geldhausen.....Chillicothe, O
M. A. Gleeson.....Newark, O
J. J. Herlihy.....Washington, Ind
E. J. McSweeney.....Garrett, Ind
T. C. O'Brien.....East Dayton, O
J. M. Shay.....Cincinnati, O
J. A. Tschuor.....New Castle Jct., Pa

ROAD FOREMEN OF ENGINES.

C. H. Creager.....Washington, Ind
W. Darling.....Cincinnati, O
W. E. Frazier.....Garrett, Ind
W. Graf.....Chillicothe, O
D. Hartle.....Garrett, Ind
M. P. Hoban.....Dayton, O
W. B. Kilgore..... "
J. N. McDonald.....Newark, O
J. M. Mendall.....Chillicothe, O
S. A. Rogers.....Washington, Ind
W. E. Sample.....Akron, O
O. R. Stevens.....Lima, O
R. A. Vernon.....Newark, O

ASST. ROAD FOREMEN OF ENGINES.

J. P. Britton.....New Castle Jct., Pa
W. E. Foster.....Lima, O
C. D. Maxwell.....Lorain, O
W. G. Smith.....Cleveland, O
J. M. Widener.....North Vernon, Ind

GEN. FOREMEN LOCOMOTIVE DEPARTMENT.

D. L. Booth.....Washington, Ind
C. A. Burdge.....Cleveland, O
J. J. Burns.....Ivorydale, O
N. R. Butler..... "
J. P. Coates.....Willard, O
W. L. Clugston.....Newark, O
K. E. Floeter.....Lorain, O
W. A. Gilmore.....Dayton, O
I. L. Harper.....East St. Louis, Ill
R. I. Higgins..... } New Castle Jct., Pa / P. O. New Castle
P. T. Horan.....North Vernon, Ind
J. J. Hurley.....Chillicothe, O
R. M. Kellar.....Portsmouth, O
F. E. Liebertrau..... } Storrs, O / P. O. Cincinnati
E. F. McCafferty.....Hamilton, O
A. W. Miller.....Lima, O
J. F. Phares.....Toledo, O
J. E. Quigley.....South Chicago, Ill
H. Rees.....Garrett, Ind
P. H. Reeves.....Zanesville, O
C. B. Van Blarcum.....Columbus, O
J. R. Zuerick.....Flora, Ill

MOTIVE POWER INSPECTORS.

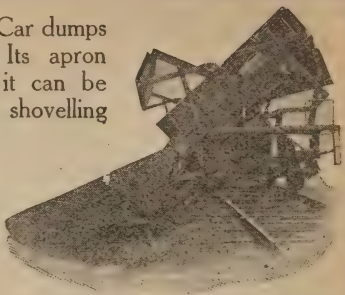
W. F. Harris.....Cincinnati, O
W. B. Nolan..... "

This Western Air Dump Car dumps instantly either way. Its apron protects the ballast, and it can be righted instantly without shovelling or moving up.

Write for specifications and details

Western

That's Why!



Western Air Dump Car with Apron

Western Wheeled Scraper Co.

FOUNDED 1877

Earth and Stone Handling Equipment

AURORA ILLINOIS

DIAMOND FIBRE

For railway use, a special grade that exceeds A. R. A. standards.

A partial list of DIAMOND F products used and endorsed by the leading railroads of the country:

SHEETS FISH PLATES END POSTS
RODS ANGLE PLATES BOLT BUSHINGS
TUBES WASHER PLATES WASHERS
CELORON SILENT GEARS

Diamond State Fibre Company

Bridgeport, Pa. Chicago, Ill.

Diamond·F

BALTIMORE & OHIO—Continued.

58b—Western Lines (Lines West of Parkersburg, Wheeling & Pittsburgh—Continued.

DISTRICT BOILER INSPECTORS.

M. D. Murphy.....Cincinnati, O
E. H. Ritter..... "
E. M. Robertson, Elec. Supvr.....Cincinnati, O
W. E. Moran, Pow. Plt. Supvr. "

DISTRICT MASTER CAR BUILDERS.

W. A. Bender.....Cincinnati, O
C. M. Hitch..... "

GENERAL FOREMEN CAR DEPARTMENT.

J. M. Burke.....Cincinnati, O
O. L. Hott.....Garrett, Ind
A. J. Larrick.....Chillicothe, O
J. P. Quinn.....Newark, O
F. A. Teed.....Washington, Ind

SUPERINTENDENTS SHOPS.

W. K. Gonnerman.....Lorain, O
F. L. Hall.....Ivorydale, O

FOREMEN PAINTERS.

T. F. Clark (Car Dept.).....Lima, O
J. J. McNamara (Loco. & Car Dept.).....Washington, Ind

ENGINEERING, BRIDGES & ROADWAY

S. A. Jordan, Eng. M. W...Cincinnati, O

ASSISTANT ENGINEERS.

A. B. Seowden (Bridge)...Cincinnati, O
R. S. Welch (Track)..... "

DIVISION ENGINEERS MAINTENANCE OF WAY

F. D. Batchellor.....Garrett, Ind
A. R. Carver.....Newark, O
R. E. Chamberlain.....Dayton, O
A. H. Freygang.....Akron, O
C. E. Herth.....Chillicothe, O
A. H. Woerner.....Washington, Ind

ASSISTANT DIVISION ENGINEERS.

C. R. Adsit.....Akron, O
M. H. Beard..... "
P. W. Elmore.....Cincinnati, O
R. W. Gabriel.....Washington, Ind
R. W. Gilmore.....Chillicothe, O
E. R. McKee.....Washington, Ind
T. D. Morrison.....Dayton, O
J. W. Purdy.....Garrett, Ind
C. E. Rozzelle.....Newark, O

MASTER CARPENTERS.

L. H. Douglas.....Akron, O
R. C. Henderson.....Dayton, O
W. H. Howe.....Cincinnati, O
H. E. Jackman.....Chillicothe, O
J. L. Lewellyn.....Garrett, Ind
C. A. Malone.....Akron, O
G. W. Young.....Washington, Ind
E. C. Zinsmeister.....Newark, O

SUPERVISORS OF ROAD.

C. C. Bierle.....New Philadelphia, O
D. R. Bowman.....Barnesville, O
W. G. Burns.....Springfield, Ill
J. Clark.....Walkerton, Ind
E. Cole.....Athens, O
W. Cook.....Hamilton, O
A. W. Creeger.....Tiffin, O
C. F. Delong.....Ravenna, O
W. Downey.....North Vernon, Ind
J. Brennan.....Elyria, O
W. E. Graham.....Mansfield, O
F. C. Green.....Warren, O

SUPERVISORS OF ROAD—CONTINUED.

E. Ledger.....Dayton, O
A. Lemaster.....Marietta, O
T. Mahoney..... { Storrs, O. / P. O. Cincinnati
F. S. Mahurd.....Newark, O
J. I. Malone.....Cleveland, O
C. D. McCarthy.....Toledo, O
H. J. Miller.....Defiance, O
G. Mitchell.....Hamden, O
C. A. Nunes.....Newark, O
B. O'Brien.....Carlyle, Ill
L. A. Pausch.....Leesburg, O
J. Quill.....Cincinnati, O
W. Reynolds.....Garrett, Ind
J. W. Riggans.....New Castle, Pa
T. Rowland.....Seymour, Ind
B. C. Runyan.....North Vernon, Ind
L. Sanders.....Vincennes, Ind
J. W. Sharp.....Zanesville, O
B. K. Shatto.....Massillon, O
G. B. Shouse.....Flora, Ill
L. C. Swanson.....Akron, O
J. E. Weaver.....Washington C. H., O
S. J. West..... "
H. J. Wilkening.....Lodi, O
E. T. Ambach, Asst. Sig. Eng.....Cincinnati, O

SIGNAL SUPERVISORS.

P. H. Carroll.....Defiance, O
H. M. Dryden.....Dayton, O
H. Harding.....Newark, O
J. C. Hoffman.....Akron, O
J. W. Kunker.....Cincinnati, O
E. G. Slater.....Chillicothe, O
C. S. Whitmore.....Washington, Ind

59—BALTIMORE & OHIO CHICAGO TERMINAL R. R.

79 Mls, 20 Loco., Cars: 345 Frt, 84 Misc

Chicago address, Grand Cent. Station.

Daniel Willard, Ch. of Board.....Baltimore, Md
✪F. C. Batchelder, Pres.....Chicago, Ill
C. W. Woolford, Sec.....Baltimore, Md
G. F. May, Asst. Sec..... "
E. M. Devereaux, Treas.. "
T. H. Schultz, Asst. Treas. "
H. H. Hall, Asst. Sec. & Asst. Treas.....Chicago, Ill
H. D. Sheean, Gen. Solr.... "
J. J. Ekin, Compt.....Baltimore, Md
F. B. Huntington, Gen. Aud. Chicago, Ill
C. H. Moran, R. E. Agt...Baltimore, Md
J. B. Jenkins, Valua. Eng. "
H. M. Jouver, G. F. & P. A..Chicago, Ill
§F. S. De Veny, Supt..... "
¶W. S. Galloway, Pur. Agt..Baltimore, Md
C. H. McCrary, Div. Str. Kpr..Chicago, Ill
C. E. Peterson, Car Acct.... "
G. H. Emerson, Ch. M. P. & Equip..... { Baltimore, Md.
F. K. Moses, M. M.....Chicago, Ill
E. H. Meckstroth, Gen. Car For. "

ENGINEERING, BRIDGES & ROADWAY.

L. G. Curtis, Ch. Eng.....Chicago, Ill
H. A. Lane, Consult Eng. Baltimore, Md
W. C. Bolin, Off. Eng..... { Chicago, Ill.
G. P. Palmer, Eng. Maint. & Constr..... "
J. S. Knight, Prin. Asst. Eng. Constr.... "

HARD SERVICE CLEVELAND CRANES

120 TON DOUBLE TROLLEY 70 FOOT SPAN

CLEVELAND CRANE

NEW YORK CENTRAL R. R. CO.'S SHOPS -:- WEST ALBANY, N. Y.

Also Duplicate at AVIS, PA. -:- *Ask Us for Further Information*

THE CLEVELAND CRANE & ENGINEERING CO.

WICKLIFFE, OHIO

Passenger Cars
Freight Cars
Locomotives
Turntables
Bridges
Rail

E. H. WILSON & COMPANY
COMMERCIAL TRUST BLDG.
PHILADELPHIA

59—BALTIMORE & OHIO CHICAGO TERM.—Cont'd.
M. D. Carothers, Asst. Eng. } Chicago, Ill.
Maint.....
H. A. Field, Asst. Eng. Bridges "
C. Esping, Mast. Carp..... "
W. Hogan, Supvr..... "
E. Rost, Supvr..... "
SIGNAL DEPARTMENT.
F. P. Patenall, Sig. Eng..Baltimore, Md
C. O. Seifert, Sig. Supvr.....Chicago, Ill

60—

61—BALTIMORE, CHESAPEAKE & ATLANTIC RY. CO.
88 Mls, 13 Loco, Cars: 71 Frt, 30 Pass, 6 Misc
Turnbull Murdoch, Pres. & Gen. Mgr.....Baltimore, Md
A. J. County, V.-Pres. Philadelphia, Pa
Lewis Neilson, Sec.... "
H. H. Lee, Treas..... "
E. A. Stockton, Compt. "
C. B. Heiserman, Gen. Coun..... "
W. L. Rothstein, Aud....Baltimore, Md
J. P. Gauff, R. E. Agt..... } Philadel-
N. W. Smith, Asst. to Gen. Mgr. } phia, Pa.
R. H. Soulsby, G. F. & P. A. Baltimore, Md
A. H. Seth, Supt. Steamer Lines..... "
★W. U. Polk, Supt. & Asst. Eng. Ry. Div.....Salisbury, Md
¶Montgomery Smith, Pur. Agt. } Philadel-
A. C. Shand, Ch. Eng..... } phia, Pa.

61a—BAMBERG, EHRHARDT & WALTERBORO RY. CO.
14 Mls, 2 Loco, Cars: 10 Frt, 3 Pass
W. C. Wolfe, Pres.....Orangeburg, S. C
G. F. Bamberg, V.-Pres..Bamberg, S. C
C. W. Ruitz, Sec..... "
E. C. Hays, Treas..... "
R. P. Bellinger, Gen. Coun. "
J. M. Williams, Aud..... "
1★✠✪J. F. Polk, Gen. Mgr. "

61b—BAMBERGER ELECTRIC R. R. CO.
75 Mls, 5 Loco, Cars: 68 Frt, 28 Pass, 6 Misc
✪J. M. Bamberger, Pres. & } Salt Lake
Gen. Mgr..... } City, Utah
A. B. Irvine, V.-Pres. & Gen. Coun. "
J. B. Bean, Sec..... "
S. Bamberger, Treas..... "
H. L. Balser, Aud..... "
R. B. Needham, Traf. Mgr... "
N. S. Wiltsie, Gen. Supt..... "
¶H. I. Price, Pur. Agt..... "
A. A. Kersch, M. M..... "
E. A. Vail, Ch. Eng..... "
E. O. Humphrey, Eng. M. W. & Rd. Mast..... "

62—BANGOR & AROOSTOOK R. R. CO.
616 Mls, 89 Loco, Cars: 4,465 Frt, 80 Pass, 114 Misc
New York address, 59 Wall St.
EXECUTIVE, FINANCIAL AND LEGAL.
J. H. Hammond, Chmn. Exec. Com.....New York, N. Y
✪Percy R. Todd, Pres.....Bangor, Me
R. H. MacCready, Asst. to Pres..... "
J. Brown, V.-Pres.....New York, N. Y
F. C. Wright, V.-Pres..... "
H. J. Hart, Gen. Counsel...Bangor, Me
W. F. Cram, Treas..... "
F. A. W. Field, Asst. Treas.. "
H. P. Burns, Gen. Aud..... "
G. E. Wicks, G. F. A..... "
G. W. Humphrey, Asst. G. F. A. "
G. M. Houghton, G. P. A.... "
E. F. Curtis, Frt. Clm. Agt.. "
OPERATING.
✪W. K. Hallett, Gen. Mgr....Bangor, Me
J. B. McMann, Supt..... "
J. H. Curtis, Supt.....Houlton, Me
F. H. Daggett, Supt. C. S....Bangor, Me
J. A. Coville, Supt. Time Serv.....Boston, Mass
Dr. J. McFadyen, Ch. Surg...Derby, Me
PURCHASING.
¶C. D. Baldwin, Pur. Agt.....Bangor, Me
E. W. Peterson, Gen. Str. Kpr. Derby, Me
W. A. Bamford, Str. Kpr..Houlton, Me
MECHANICAL.
W. G. Knight, Mech. Supt.....Derby, Me
W. C. Dean, M. M.....Oakfield, Me
C. H. Hollis, Ch. Car Insp....Derby, Me
F. E. Baker, Shop Supt..... "
O. L. Dean, Gen. Insp. M. P... "
R. L. McLaren, Gen. For. Loco. Dept..... "
W. R. McIlroy, For. Paint.... "
ENGINEERING, BRIDGES & ROADWAY
M. Burpee, Ch. Eng..... } Houlton,
P. C. Newbegin, Maint. Eng. } Me.
L. B. Lincoln, Prin. Asst. Eng. "
ROAD MASTERS.
B. S. Archibald.....Derby, Me
R. Berryman.....Fort Kent, Me
C. Tweedie.....Millinocket, Me
W. F. Wiggins.....Houlton, Me
F. Wood.....Presque Isle, Me
H. F. Mansfield, Supt. B. & B..Houlton, Me

62a—BANGOR RY. & ELECTRIC CO.
See Bangor Hydro-Electric Co., No. 63

63—BANGOR HYDRO-ELECTRIC CO.
68 Mls, 4 Elec. Loco, Cars: 12 Frt, 35 Pass, 16 Misc
Bangor address, 84 Harlow St.
E. M. Graham, Pres. & Gen. Mgr.....Bangor, Me
H. L. Clark, V.-Pres...Philadelphia, Pa
F. Silliman, 3d V.-Pres..... Bangor, Me
E. M. Dole, Treas..... "
P. L. Sprague, Asst. Treas.. "
H. W. Daggett, Asst. Gen. Mgr. & G. F. A..... "
C. H. Johnson, Supt..... "
E. E. Comins, Asst. Supt.... "
¶F. H. Libby, Pur. Agt..... "
§H. B. Baldwin, M. M..... "
A. L. Davis, Elec. Eng..... "
E. W. Jennison, Eng. Ways & Struct..... "
J. A. Leonard, Hydraulic Eng. "

64—BARE ROCK R. R.
3 Mls, 1 Loco, Cars: 7 Frt, 1 Pass
¶✠J. M. Murdock, Pres. & Pass. Agt..... } Johnstown, Pa
H. B. Murdock, Sec..... "
E. B. Murdock, Treas. & Gen. Mgr. "
I. W. Walter, For. Loco. & Car Rep..... } R. F. D. No. 1 Somerset, Pa

H.B.UNDERWOOD CORP. EST.1870

Manufacturers of Portable Tools for Railway Repair and Machine Shops, Portable Cylinder Boring Bars, Valve Seat Planing Machines, Milling Machines, Crank Pin Turning Machines, etc.

OUR CATALOGUE WILL TELL YOU ABOUT IT.

PHILADELPHIA, PA.

Morton Manufacturing Company

MANUFACTURERS OF

"ACME LINE" OF RAILWAY APPLIANCES
STEEL DOORS, WELDED TUBING AND STEEL PRODUCTS

SOME OF OUR PRODUCTS

Vestibule Diaphragms (Canvas and Steel) Diaphragm Attachments
Buffing Mechanism for Top of Diaphragm Face Plate
Steel Doors for Passenger and Baggage Cars
Chanarch Steel Flooring Kass Safety Step Treads
Passenger Car Safety Step Boxes
Kass Safety Brake Step for Freight Cars
Vestibule Curtains and Fittings Complete
Car Window Curtains and Fixtures Curtain Rollers
Locomotive Cab Curtains Weatherproofing for Car Windows
Sash Locks and Racks Anti-Pinch Door Shields
Folding Tail Gates

Bulletins illustrating and describing our "Acme Line" of Railway Appliances furnished upon request.

General Office and Factory: 5133-39 W. Lake Street

CHICAGO

65—BARRE & CHELSEA R. R.
See Montpelier & Wells River R.R., No.647

66—BARTLETT WESTERN RY.
23 Mls, 1 Loco, Cars: 18 Frt, 7 Pass (including 4 Motors), 6 Misc
¶✪T. Cronin, Pres.....} Bartlett, Tex
★§✠W. Branagan, V-Pres. & Gen. Mgr..... "
M. Cronin, V.-Pres ..... "
P. H. Cronin, Sec ..... "
I. C. Branagan, Treas..... "
J. Pinson, Gen. Aud. & G.F.&P.A. "
S. Allen, Gen. Atty ..... "

66a—BASTROP & LAKE PROVIDENCE RY.
9 Mls.
St. Louis address, Arcade Bldg.
T. C. Whitmarsh, Pres....St. Louis, Mo
R. J. Cullen, V.-Pres.....Bastrop, La
J. H. Allen, Gen. Mgr.....St. Louis, Mo
R. M. Morriss, Sec .....Chicago, Ill
B. J. Atheiner, Treas..... "
F. R. Pierce, Gen. Traf. Mgr. } St. Louis, Mo.
C. S. Chesboro, Asst. Traf. Mgr. ..... "
E. E. Eversull, G. F. A..... "

67—BATESVILLE SO'WESTERN R. R.
(Estate of R. J. Darnell, Lessee.)
17 Mls, 1 Loco, Cars: 4 Frt, 1 Motor Pass
H. A. Darnell, Gen. Mgr..... } 1206 Union & Planters Bk. Bldg
✪F. M. Darnell, Asst. } Memphis, Tenn.
Gen. Mgr..... "
T. C. Merriam, Aud... "
C.L.Sivley, Gen.Coun. "
¶R.Y.DuQuesnay, Traf.Mgr. "
R. M. Darnell, G. F. A. "
★✠A. E. Greene, Supt....Batesville, Miss

68—BATH & HAMMONDSPORT R. R.
10 Mls, 1 Loco, Cars : 2 Pass
For officials see Erie R.R., No. 322.

69—BAUXITE & NORTHERN RY. CO.
3 Mls, 2 Loco, Cars: 1 Misc
¶★✠J. T. Fuller, Pres.....Bauxite, Ark
P. J. Urquhart, Aud.....Pittsburgh, Pa
E.A.Jack, Gen.Traf.Mgr. "
✪J. A. Waggener, Act.Supt.Bauxite, Ark

70—BAY POINT & CLAYTON R. R.
9 Mls, 1 Loco, Cars: 1 Pass
S. H. Cowell, V.-Pres... } 2 Market St., San Francisco, Cal.
★✠✪W.H.George, Sec. & Gen. Mgr..... "
R. B. Mitchell, Traf. Mgr. "
¶A. N. George, Pur. Agt... "

71—BAY TERMINAL R. R.
4 Mls, 2 Loco, Cars: 345 Frt
¶✠H. O. Cameron, Pres. & Gen. Mgr.....Toledo, O
L. Hubbard, Sec. & Treas..... "
§ F. D. Hilderbrand, For. Car Rep. "

72—BEAUMONT & SARATOGA TRANSPORTATION CO.
1 Ml, 1 Loco, Cars: 4 Frt
J. H. Kirby, Pres.....Houston, Tex
W. T. Hancock, V.-Pres... "
T. H. Hunter, Jr., Sec...Beaumont Tex
R. F. Ford, Aud.....Houston, Tex
¶★✠W. D. Hughes, Supt.....Voth, Tex

—† BEAUMONT, SOUR LAKE & WESTERN RY.
See Gulf Coast Lines, No 394a.

73—BEAUMONT WHARF & TERMINAL CO. 3 Mls. Equipment owned—none.
J. A. Glen, 2 V.-Pres. & Supt.....Beaumont, Tex

74—BEAVER DAM R. R. CO.
2 Mls, 1 Loco, Cars: 49 Frt
R. C. Thompson, Pres ...Abingdon, Va
¶★✠T.W.Fernald, Treas.& Gen. Mgr.....Damascus, Va
W. Hand, Aud..... "

75—BEAVER MEADE & ENGLEWOOD R.R.CO. 27 Mls, 3 Loco, Cars: 1 Frt, 2 Pass
J. Achenbach, Pres.....Hardtner, Kan
I. B. Blackstock, V.-Pres...Springfield, Ill
¶✠✪C. J. Turpin, V.-Pres. & Gen. Mgr..... } Oklahoma City, Okla
C.A.Bache, Asst. to Gen. Mgr. "
J. M. Gayle, Aud..... "
E. E. Booth, Supt. & M. M. Beaver, Okla

76—BEAVER VALLEY R. R.
4 Mls, 1 Loco; Cars owned—none.
J. H. Pew, Pres..... } Finance Bldg., Philadelphia, Pa
J.N.Pew, Jr., V.-Pres.
F. Cross, Sec. & Treas. "
B.C.McPherson, Traf. Mgr..... "
¶ W. H. Booth, Pur. Agt. "
W. E. Soden, Ch. Eng Marcus Hook, Pa

77—BELFAST & MOOSEHEAD LAKE R. R.
33 Mls, 3 Loco, Cars: 2 Pass, 1 Misc
O. E. Frost, Pres.....Belfast, Me
M. W. Lord, Treas..... "
O. E. Langer, Aud..... "
¶§★✠✪H.P.Crowell, Gen.Mgr. "

78—BELLEFONTE CENTRAL R. R. CO.
23 Mls, 4 Loco, Cars: 45 Frt, 4 Pass
Philadelphia address, 261 So. 4th St.
R. Frazer, Managing Dir.....Phila., Pa
¶✠✪V.S.Jodon, Pres. & Gen. Mgr..... } Bellefonte, Pa
T. R. Osborn, V.-Pres. Philadelphia, Pa
O.H.Baird, Sec. & Treas. "
J. M. Clark, Aud.....Bellefonte, Pa
R. E. Croneniller, For. Loco. Rep. ..... "
W. Billet, For. Car Repr.. "

79—BELT RY. CO. OF CHICAGO, THE
25 Mls, 80 Loco, Cars: 293 Frt
Chicago address, Polk and Dearborn Sts
✪H. G. Hetzler, Pres.....Chicago, Ill
E.H. Lee, V.-Pres. & Ch. Eng. "
C. G. Austin, Jr., Gen. Coun. "
J. E. Murphy, Treas..... "
R. L. Porter, Aud. & Sec.... "
A. R. Barton, Asst. Aud. & Asst. Sec..... "
J. R. Barse, Gen. Atty..... "
C. A. Inman, R.E. & Ind. Agt. "
J. H. Brown, Traf. Mgr..... "
M.S.Leaming, Frt.Clm.Agt. "
F. J. Wasson, Car Acct. } Clearing, Ill. P. O. Chicago
G. J. Shreeve, Gen. Supt....Chicago, Ill

Locomotive Type Cranes

EQUIPPED with 19 ft. boom for locomotive trimming and auxiliary boom for working under the running board.

Manufacturers also of a complete line of trucks for freight and passenger terminals, stores depts., shops and engine houses.

THE BAKER-RAULANG CO.
Cleveland, Ohio

Baker

Security Sectional Arch

in a locomotive
means more power per pound of coal.

The Locomotive *Four-Wheel* Articulated Back End

removes the limit to locomotive progress that has been set by the single trailer axle.

AMERICAN ARCH COMPANY, Incorporated
Combustion Specialists
17 E. 42nd St., N. Y. C. McCormick Building, Chicago

79—BELT RY. OF CHICAGO—Continued.

J. C. Hemming, Supt.....{ Clearing, Ill / P.O. Chicago
¶ C. W. Yeamans, Pur. & Sup. Agt.....Chicago, Ill
E. E. Seyfarth, Str. Kpr..{ Clearing, Ill.
§ E. F. Jones, M. M.....{ P.O. Chicago
A. S. Sternberg, M. C. B.... "
F. E. Morrow, Asst. Ch. Eng. Chicago, Ill
E. D. Swift, Eng. M. W..... "
W. Wangerow, Mast. Carp.. "
A. B. Hillman, Rd. Mast..{ Clearing, Ill / P.O. Chicago

80—BENNETTSVILLE & CHERAW R. R. CO.

32 Mls, 3 Loco, Cars: 5 Frt, 2 Pass, 3 Misc

¶ J. J. Heckart, Pres.... ..Aberdeen, N.C
H. A. Page, Treas... Bennettsville, S.C
J. I. McLain, Supt. & Aud. "
L. L. Thomas, M. M. & Rd. Mast..... "

81—BENWOOD & WHEELING CONNECTING RY. CO.

7 Mls, 11 Loco, Cars: 26 Frt

S. K. Dunkle, Supt.....Wheeling, W. Va
G. S. Mathiott, Car Acct. "

For other officials see L. T. R. R., No. 510.

82—BESSEMER & LAKE ERIE R. R. CO

228 Mls, 188 Loco, Cars: 15,028 Frt, 88 Pass, 267 Misc

Pittsburgh address, Union Trust Bldg.

EXECUTIVE, FINANCIAL AND LEGAL.

J. H. Reed, Pres.....{ Pitts-
R. T. Rossell, V.-Pres.....{ burgh, Pa
G. W. Kepler, Sec. & Treas... "
E. S. Templeton, Asst. Gen. Coun.....Greenville, Pa
J. C. McKalip, Gen. Aud.....{ Pitts-
L. W. McCoy, Asst. Gen. Aud.{ burgh, Pa

TRAFFIC.

F. C. Baird, Traf. Mgr...Pittsburgh, Pa
J. V. Styers, G. F. A..... "
E. Campbell, Asst. G. F. A. "
E. D. Comstock, G. P. A. "
T. C. Whiteman, Claim Agt..... Greenville, Pa
C. C. Showalter, Frt. Clm. Agt.....Pittsburgh, Pa

OPERATING.

✪ F. I. Snyder, Gen. Mgr..Pittsburgh, Pa
J. S. Matson, Asst. to Gen. Mgr.....Greenville, Pa
W. M. Johnson, Gen. Supt. "
F. W. Smith, Asst. Supt.. "
T. F. Williams, Asst. Supt. "
A. D. Chittenden, Supt. Transp.....Pittsburgh, Pa
J. C. Bailey, Car Serv. Agt. Greenville, Pa
Dr. R. W. Brown, Ch. Surg. "

PURCHASING.

¶ W. A. Parker, Pur. Agt..Pittsburgh, Pa
R. McAndrew, Gen. Str. Kpr.{ Green-
T. R. Dickinson, Div. Str. Kpr.{ ville, Pa

MECHANICAL.

§ G. M. Gray, Supt. M. P.....{ Green-
C. C. Richardson, Asst. to{ ville, Pa
Supt. M. P..... "
H. D. Webster, Eng. M. P..... "
E. F. Richardson, Asst. to Eng. M. P ..... "
C. L. Tuttle, Mech. Eng.....{ Green-
R. C. Beaver, Asst. Mech. Eng.{ ville, Pa
J. K. Booth, M. M..... "

ROAD FOREMEN OF ENGINES.

B. F. Barnhart.....Greenville, Pa
O. B. Christy (Asst.)..... "
F. W. Dickinson, M. C. B. Greenville, Pa
C. J. Strachan, Gen. For.....Albion, Pa
P. S. Winter, Gen. Car. For. Greenville, Pa
C. O. Smith, Mast. Paint.. "

ENGINEERING, BRIDGES & ROADWAY

H. T. Porter, Ch. Eng.....{ Green-
F. R. Layng, Eng. of Trk.....{ ville, Pa
H. H. Harman, Eng. Brdgs. & Bldgs. "
W. S. McFetridge, Prin. Asst. Eng..... "
G. G. Martin, Asst. Eng..... "
R. Ridge, Field Eng..... "
L. Spalding, Valua. Eng..... "
J. S. Ekey, Supvr. Struct..... "
C. F. Wentling, Supvr. Struct..Butler, Pa

SUPERVISORS.

W. E. Carter.....Greenville, Pa
G. W. Hohn.....Butler, Pa
J. M. Hunter.....Greenville, Pa

83—BEVIER & SOUTHERN R. R. CO.

14 Mls, 4 Loco, Cars: 2 Frt, 4 Pass

D. Dale, Supt..... "
J. D. McFadin, M. M..... "

For other officials, see N., C. & So. R. R., No. 671.

84—

—† BIG FOUR.

See C., C., C. & St. L. Ry., No. 229.

85—BIG SANDY & CUMBERLAND R. R. CO.

33 Mls, 3.6 G, 3 Mls, 4.8½ G } 4 Loco, Cars: 65 Frt, 2 Pass

Columbus address, 115 East Rich St.

W. M. Ritter, Pres.....Columbus, O
I. T. Mann, V.-Pres....Bramwell, W. Va
J. L. Hamill, Gen. Coun....Columbus, O
H. B. Searl, Treas..... "
W. E. Weakley, Traf. Mgr. "
★✠ A. A. Kopp, Gen. Mgr.....Hurley, Va
¶ J. S. Myers, Pur. Agt.....Columbus, O

86—BIG SANDY & KENTUCKY RIVER RY. CO. 25 Mls, 2 Loco, Cars: 1 Frt, 2 Pass

J. W. Kitchen, Pres.....Ashland, Ky
S. G. Dobson, V.-Pres....Montreal, Que
¶ W. E. Berger, Sec.....Ashland, Ky
J. H. Fisher, Treas..... "
★✠ R. R. Evans, Supt. & G. P. A.....Royalton, Ky

86a—BINGHAM & GARFIELD RY. CO.

35 Mls, 5 Loco, Cars: 212 Frt, 2 Pass, 32 Misc

San Francisco address, Hobart Bldg.

✪ D. C. Jackling, Pres. San Francisco, Cal
L. S. Cates, V.-Pres. & Gen. Mgr.....{ Salt Lake City, Utah
A. J. Bonaghan, Sec..{ 25 Broad St.,
C. V. Jenkins, Treas.{ New York, N. Y
C. T. S. Parsons, Aud. Salt Lake City, Utah
H. B. Tooker, Traf. Mgr... ....San Francisco, Cal
A. C. Barnard, G. F. A "
T. H. Perleywits, Asst. G. F. & P. A.....{ Salt Lake City, Utah

✪ Officer whose name is filed with the Interstate Commerce Commission as authorized to issue transportation.

Clean, well-painted stations pay big dividends

EVERY cent railroads spend to maintain clean, well-painted stations comes back again and again in passenger good-will, in increased patronage, in actual cash returns.

Today the best-maintained roads of the country are adding to their prestige and building good-will by painting with good-looking, long-lasting paint made of Dutch Boy white-lead. This paint preserves and beautifies their property, stands up under difficult conditions, and is economical to use because of its reasonable cost, unusual covering power, and long life.

For exteriors there is Dutch Boy white-lead mixed with linseed oil; for interiors, Dutch Boy white-lead mixed with Dutch Boy flatting oil. Both these paints can be tinted to match your road's distinctive color treatments.

We maintain a Department of Decoration, specialists of which will be glad to assist you in any decorative planning for your road. Address them in care of our nearest branch.

NATIONAL LEAD COMPANY

New York, 111 Broadway; Boston, 131 State St.; Buffalo, 116 Oak St.; Chicago, 900 West 18th St.; Cincinnati, 659 Freeman Ave.; Cleveland, 820 West Superior Ave.; St. Louis, 722 Chestnut St.; San Francisco, 485 California St.; Pittsburgh, National Lead and Oil Co. of Pa., 316 Fourth Ave.; Philadelphia, John T. Lewis & Bros. Co., 437 Chestnut St.

86a—BINGHAM & GARFIELD—Continued.

§ F. O. Haymond, Gen. Supt. Magna, Utah
★J. E. Stevenson, Asst. Supt. "
A. J. Maclean, Gen. Pur. Agt. San Francisco, Cal
H. C. Goodrich, Ch. Eng. Salt Lake City, Utah
J. Fogarty, Rd. Mast Magna, Utah

87—BIRMINGHAM & NO.-WEST'N RY.

48 Mls, 4 Loco, Cars: 87 Frt, 7 Pass, 4 Misc

I. B. Tigrett, Pres. Jackson, Tenn
✪A. V. Patton, Asst. to Pres. "
C. W. McNear, V.-Pres. Chicago, Ill
R. B. Hicks, V. Pres. } Jackson,
C. F. Morgan, V.-Pres. } Tenn.
F. M. Williams, Asst. Treas. Mobile, Ala
R. E. DeNeefe, Compt. "
C. W. Hewgley, Gen. Coun. Jackson, Tenn
F. N. Johnson, Aud. Mobile, Ala
F. M. Hicks, Traf. Mgr. "
J. O. Gill, G. F. & P. A. "
P. E. Odell, Gen. Mgr. "
✠J. C. Hays, Supt. Jackson, Tenn
C. E. Lanham, Supt. Trans. Mobile, Ala
¶H. E. Warren, Mgr. Pur. & Strs "
§ J. Darnell, M. M. Jackson, Tenn

87a—BIRMINGHAM & SOUTH-EASTERN R. R. CO.

48 Mls, 6 Loco, Cars: 3 Frt, 2 Pass, 1 Mot

5 miles additional under construction.

✪W. M. Blount, Pres. Union Springs, Ala
R. Blount, V.-Pres. Tallassee, Ala
✪E. J. Pierce, V.-Pres. (Traf.) Union Springs, Ala
J. H. Rainer, Aud. "
H. L. Cox, Asst. Supt. Tallassee, Ala

88—BIRMINGHAM BELT R. R. CO.

2 Loco. Cars owned—none.

For officials see St. L.-S. F. Ry. No. 847.

88a—BIRMINGHAM, COLUMBUS & ST. ANDREWS R. R. CO.

38 Mls, 2 Loco, Cars: 4 Frt, 3 Pass

Receiver appointed Dec. 24, 1908.

✪S. A. Alford, Recr. Chipley, Fla
¶★✠A. E. Edge, Aud. "
J. B. Glen, Jr., Supt. "

88b—BIRMINGHAM, SELMA & MOBILE R. R. CO.

16 Mls, 3 Loco, Cars: 6 Frt

W. B. Coates, Pres. Montgomery, Ala
★✠✪J. F. Johnston, V.-Pres. & Gen. Mgr. Brent, Ala
¶F. A. Burch, Sec. & Treas. "

89—BIRMINGHAM SOUTHERN R. R. CO. 30 Mls, 13 Loco, Cars: 197 Frt, 1 Misc

A. Benners, Pres. } Birmingham,
W. B. Allen, V.-Pres. } Ala.
L. T. Beecher, Sec. & Treas. "
F. B. Winslow, Aud. "
E. E. Ellis, Land and Tax Comm "
W. W. Lee, Traf. Agt. "
H. E. Parker, Supt. "
¶J. T. Bostick, Pur. Agt. & Car Acct. "
§ A. J. Monfee, Supt. M. P. Pratt City, Ala
J. B. McIntyre, Ch. Eng. Fairfield, Ala
W. J. Crim, Rd. Mast "

89a—BLACK MOUNTAIN RY. CO.

23 Mls, 2 Loco, Cars: 2 Pass

¶★✠L. H. Phetteplace, Gen. Mgr. Erwin, Tenn
J. W. Sanders, Treas. } Johnson
C. Hewett, Gen. Aud. } City, Tenn
C. A. Smith, G. F. & P. A. "

90—BLANEY & SOUTHERN RY.

Operation discontinued 1925.

91—BLOOMSBURG & SULLIVAN R. R. CO. 29 Mls, 4 Loco, Cars: 6 Pass, 1 Misc

Philadelphia address, 4710 Chester Ave.

S. Wigfall, Pres. Bloomsburg, Pa
J. McMorris, V.-Pres. Philadelphia, Pa
G. A. Ritter, Sec. & Aud. Bloomsburg, Pa
¶★W. C. Snyder, Treas. & Supt. "
W. H. Eyer, Eng. & Rd. Mast. "

92—BLUE RIDGE RY. CO.

44 Mls, 4 Loco, Cars: 75 Frt, 3 Pass, 3 Misc

Washington address, 1300 Penn. Ave., N.W.

Fairfax Harrison, Pres. } Washington,
G. H. Dugan, V.-Pres. } D. C.
C. Quinn, Aud. Anderson, S. C
W. E. Nichols, G. F. A. Atlanta, Ga
J. S. King, Frt. Clm. Agt. "
V. A. Slaughter, Live Stock Clm. Agt. Washington, D.C
★W. M. Archer, Supt. Anderson, S. C
¶J. A. Butterworth, Pur. Agt. Washington, D.C
B. M. Allen, Eng. Maint. Way "

For other officials see So. Ry. Sys., No. 927.

92a—BLYTHEVILLE, LEACHVILLE & ARKANSAS SOUTHERN R. R. CO.

58 Mls, 4 Loco, Cars: 76 Frt, 3 Pass, 3 Misc

Chicago address, 510 No. Dearborn St.

R. L. McClelland, Pres. Chicago, Ill
W. P. Paepcke, Asst. to Pres. "
W. R. Satterfield, V.-Pres. } Blytheville, Ark.
¶F. W. Schatz, Sec. & Gen. Mgr. "
A. H. Stier, Asst. Gen. Mgr. "
J. R. Hancock, Treas. "
W. C. Gilbert, Gen. Coun. Chicago, Ill
H. D. Davis, Gen. Atty. "
C. F. Wiedeman, Gen. Aud. "
F. G. Smith, Local Aud. Blytheville, Ark
W. Williams, G. F. A. Chicago, Ill
G. R. Gordon, G. P. A. "
S. C. Alexander, Supt. Blytheville, Ark
J. Elkins, M. M. "
W. P. Orr, Ch. Eng. "

93—BOISE VALLEY TRACTION CO. (Electric).

79 Mls, 3 Loco, Cars: 22 Frt, 22 Pass, 4 Misc

E. H. Dewey, Pres. Nampa, Idaho
W. R. Putnam, V.-Pres. } Boise,
A. E. Janssen, Treas. } Ida.
G. E. Barnard, Asst. Treas. & Asst. Aud. "
C. Anderson, G. F. A. "
¶R. B. King, Gen. Mgr. "
F. J. Rankin, Supt. M. P. & Elec. Eng. "
C. H. Musgrove, M. M. "
B. Bloom, Eng. M. W. & Rd. Mast. "

FROGS and SWITCHES

ALSO

Crossing Stands and General Track Work

MANGANESE

AND

REGULAR CONSTRUCTION

The INDIANAPOLIS SWITCH & FROG CO.

SPRINGFIELD, OHIO

MINER

RAILWAY APPLIANCES

W. H. MINER, INC.

THE ROOKERY—CHICAGO

93a—BONHOMIE & HATTIESBURG SOUTHERN R. R.
27 Mls, 2 Loco, Cars: 2 Frt

✪W. S. F. Tatum, Pres. } Hattiesburg, Miss
W. O. Tatum, V.-Pres. }
W. S. Tatum, Sec. & Treas. ... "
L. J. Achee, Aud. & Traf. Mgr. "
F. M. Tatum, Gen. Mgr. "
¶★✠H. Gross, Supt. "

94—BONLEE & WESTERN RY.
11 Mls, 2 Loco, Cars: 1 Pass.

A. Ross, Pres. & Gen. Mgr. . Asheboro, N.C
J. H. Dunlap, V.-Pres. . Bonlee, N.C
I. H. Dunlap, Sec. & Treas. "
C. Ross, Coun. . Lillington, N.C
¶★✠✪M. H. Birkhead Gen. Supt. . Asheboro, N.C

95—

96—BOSTON & ALBANY R. R.
404 Mls, 343 Loco, Cars: 7,950 Frt, 399 Pass, 665 Misc
(Mileage and equipment also included in N. Y. C. Lines, No. 692x.)
N. Y. C. R. R. Co., Lessee.
Boston address, South Station.
New York address, 466 Lexington Ave.

EXECUTIVE, FINANCIAL AND LEGAL
P. E. Crowley, Pres. . New York, N.Y
✪H. M. Biscoe, V.-Pres. . Boston, Mass
W. E. Adams, Spec. Asst. to V.-Pres. "
E. L. Rossiter, Treas. . New York, N.Y
L. Bender, Asst. Treas. . "
S. S. Bliss, Asst. Treas. . "
G. H. Fernald, Jr., Coun. } Boston, Mass.
W. L. Parsons, Asst. Coun. }
M. O'B. Campbell, Claims Atty. "

ACCOUNTING.
A. Haug, Aud. } Boston, Mass.
L. H. Hilton, Asst. Aud. }
C. Petersen, Aud. Frt. Accts. "
J. J. Markward, Aud. Pass. Accts "

TRAFFIC
R. Van Ummersen, Frt. Traf. Mgr. . Boston, Mass
W. A. Barrows, G. P. A. "
E. W. Goodwin, Asst. G. P. A. "
A. E. Allen, G. F. A. "
E. P. Gardiner, Asst. G. F. A. "
S. Lancaster, For. Frt. } 177 Milk St., Boston, Mass.
Agt. }
C. B. Moulton, Frt. Clm. Agt. Boston, Mass

OPERATING.
J. L. Truden, Gen. Supt. . Boston, Mass
J. B. Hammill, Supt. "
H. J. Curry, Supt. } Springfield, Mass
S. H. Clark, Asst. Supt. }
L. A. Anthony, Supt. Car Serv. "
C. W. Karcher, Car Acct. "
J. H. Marcy, Supt. Din. Serv. Boston, Mass
S. Bisbee, Fuel Supvr. "

PURCHASING.
¶F. A. Ryer, Pur. Agt. . Boston, Mass
F. S. Austin, Gen. Str. } W. Springfield, Mass.
Kpr. }

MECHANICAL.
F. A. Butler, Supt. M. P. & R. S. Boston, Mass
F. J. Carty, Mech. Eng. "

DIVISION MASTER MECHANICS.
F. A. Hussey, . Beacon Park Allston, Mass
S. Russell . West Springfield Mass

ROAD FOREMEN OF ENGINES.
H. A. Morris . West Springfield, Mass
W. T. Reed . Rensselaer, N.Y
W. B. Smith . } Beacon Park, Allston, Mass
S. H. Selloy, Gen. For. } Beacon Park, Allston, Mass
Car Rep. }
H. S. Walton, Supv. Air Brks. . West Springfield, Mass
E. E. Shedd, For. Paint . Allston, Mass
J. B. Shuttleworth, For. Paint } W. Springfield, Mass

ENGINEERING, BRIDGES & ROADWAY
F. B. Freeman, Ch. Eng. } Boston, Mass.
E. K. Mentzer, Prin. Asst. Eng. }
J. C. Irwin, Valua. Eng. "
A. G. Smith, Elec. Eng. "
E. G. Hartford, Off. Eng. "

DIVISION ENGINEERS.
W. A. Bump . Springfield, Mass
W. B. Knight . Boston, Mass
E. McCabe, Supvr. B. & B. Pittsfield, Mass
F. H. Gilligan, Supvr. B. & B. . Worcester, Mass

ASST. SUPVRS. OF BRIDGES & BUILDINGS.
H. H. Farnham . Worcester, Mass
F. A. Jones . Springfield, Mass

TRACK SUPERVISORS.
F. L. Culver . Springfield, Mass
G. P. McKenna . Worcester, Mass
H. E. Sanbourn . Boston, Mass
F. Schauble . Pittsfield, Mass

ASSISTANT TRACK SUPERVISORS.
J. F. Foley . Worcester, Mass
F. H. C. Graves . Springfield, Mass
G. Mercier . Boston, Mass
N. B. Tyrrell . Pittsfield, Mass
J. H. Wahlman . Boston, Mass

SIGNAL DEPARTMENT.
G. A. Kirley, Sig. Eng. . Boston, Mass
A. P. Bates, Sig. Supvr. "
A. C. Hill, Sig. Supvr. . Springfield, Mass
G. W. Harvey, Asst. Eng. . Boston, Mass

97—BOSTON & MAINE R. R.
2,248 Mls, 1,056 Loco, Cars: 17,909 Frt, 1,702 Pass, 1,073 Misc

658—MOUNT WASHINGTON RY.
944—SULLIVAN COUNTY R. R.
1016—VERMONT VALLEY R. R.
1078—YORK HARBOR & BEACH R. R.
Boston address, North Station.

EXECUTIVE, FINANCIAL AND LEGAL
———, Pres. } Boston, Mass.
H. R. Wheeler, Treas. }
A. B. Nichols, Clerk. "
T. F. Joyce, Asst. to Pres. "
★B. R. Pollock, V.-Pres. & Gen. Mgr. "
W. J. Hobbs, V.-Pres. "
G. Fort, V.-Pres. "
R. J. Hammond, Asst. to V.-Pres. & Gen. Mgr. "
C. N. Marland, Asst. Treas. "
A. P. Mackinnon, Gen. Solr. "
R. T. Damon, Gen. Clm. Agt. "
Dr. R. J. Graves, Ch. Surg. . Concord, N.H

AIR BRAKE HOSE SIGNAL HOSE
STEAM HOSE AXLE DYNAMO BELTING
INDESTRUCTIBLE WHITE SHEET PACKING
INDESTRUCTIBLE PNEUMATIC TOOL HOSE
INDESTRUCTIBLE CONVEYOR BELTING
COBBS HIGH PRESSURE PACKING

NEW YORK BELTING & PACKING CO.

NEW YORK

BOSTON
CHICAGO
DENVER
MINNEAPOLIS
NEW ORLEANS

PHILADELPHIA
PITTSBURGH
ST. LOUIS
SALT LAKE CITY
SAN FRANCISCO

SPECIFY

WHALL'S FIBRE

Made especially for Track Insulation
Insulating Patent Joints a Specialty
Renewals for Weber and other Joints
Originators of Fibre Track Insulation

WHALL'S FUSEES

C. H. Whall Company

170 Summer Street -:- Boston, Mass.

97—BOSTON & MAINE—Continued.

C. M. Macdonald, Frt. Clm. Agt. } Boston, Mass
E. A. Ryder, R. E. Agt.....
W. F. Cummings, Valua. Eng... "
J. B. Russell, Supvr. of Contracts. "

ACCOUNTING.

W. J. Hobbs, V.-Pres..... } Boston, Mass.
W. S. Trowbridge, Compt.....
M. C. Bradley, Asst. Compt.... "
W. C. Cruwys, Ch. Acct..... "
W. F. Cummings, Aud. Disb... "
J. F. Turner, Aud. Rev..... "
N. H. Ricker, Aud. Frt. Rec.... "
W. H. Young, Aud. Pass. Rec.. "
J. J. Demeritt, Aud. Agencies.. "

TRAFFIC.

G. Fort, V.-Pres..... } Boston, Mass.
W. T. La Moure, Asst. to V.-Pres. (Frt.)..... "
F. T. Grant, Asst. to V.-Pres. (Pass.) "
J. W. Rimmer, Asst. to V.-Pres. "
F. F. Farrar, G. F. A..... "
J. R. MacAnanny, G. F. A..... "
P. J. Mullaney, Asst. G. F. A.... "
W. O. Wright, G. P. A..... "
E. R. Holmes, Asst. G. P. A..... "
G. V. Worthen, Gen. Bag. Agt... "
W. C. Harriman, Mgr. Milk, Mail & Exp. Bureau..... "
E. L. Sheldon, Ch. Tar. Bur..... "

OPERATING.

B. R. Pollock, V.-Pres. & Gen. Mgr..... } Boston, Mass.
D. S. Brigham, Asst. Gen. Mgr. "
A. H. Slader, Asst. to V.-Pres. & Gen. Mgr..... "
R. J. Hammond, Asst. to V.-Pres. & Gen. Mgr..... "
J. Rourke, Gen. Supt..... "
S. E. Miller, Gen. Supt. Trans.. "
W. H. Towne, Asst. to Gen. Supt. Trans..... "
F. A. Hortter, Car Acct..... "
R. R. Stackpole, Supt. Tel..... "
J. A. Coville, Supt. Time Serv.. "
C. G. Jaycock, Supt. Din. Cars. "
H. G. Moxham, Act. Ch. of Police. "

DIVISION SUPERINTENDENTS.

J. A. Ahern.....Greenfield, Mass
F. H. Flynn.....Concord, N. H
G. H. Kidder.....Springfield, Mass
F. C. Mayo.....Woodsville, N. H
A. P. Milliken.....Boston, Mass
J. P. Quilty..... "
A. S. Twombley (Asst.)... "

PURCHASING.

¶ A. W. Munster, Pur. Agt..Boston, Mass
H. M. Rainie, Asst. to Pur. Agt. "
O. A. Donagan, Gen. Str. Kpr. "

STORE KEEPERS.

C. W. Amato.....North Adams, Mass
F. L. Annis.....Lyndonville, Vt
A. L. Barrett.....Concord, N. H
W. A. Bergner.....Salem, Mass
H. B. Burns.....Keene, N. H
W. A. Butler.....East Somerville, Mass
A. R. Cordeau.....Fitchburg, Mass
A. P. Dunbar.....East Fitchburg, Mass
L. E. Field.....Charlestown, Mass
J. R. Hickey.....Mechanicville, N. Y

STORE KEEPERS—CONTINUED.

T. J. Killkelley.....Nashua, N. H
G. B. Lyna.....East Cambridge, Mass
J. J. McKinnon.....Concord, N. H
W. E. Ruston.....North Billerica, Mass
G. Steele.....East Somerville, Mass
H. E. Stevens.....Woodsville, N. H

TRAVELING STORE KEEPERS.

G. W. Dwinell.....Boston, Mass
F. McGrath..... "
W. H. Merritt..... "
W. L. Simons..... "

J. R. Rooks, Fuel Agt.....Boston, Mass
C. F. Philbrook, Tie & Tim. Agt. "
J. J. Callahan, Chemist..Billerica, Mass

MECHANICAL.

★B. R. Pollock, V.-Pres. & Gen. Mgr.....Boston, Mass
W. O. Forman, Mech. Supt.. "
C. B. Smith, Asst. to Mech. Supt..... "
C. E. Barba, Mech. Eng.... "
R. W. Band, Supt. Loco. Maint. "
J. Craig, Supt. Car Maint.. "

MASTER MECHANICS.

D. J. Ayers.....Lyndonville, Vt
H. A. Bliss.....East Deerfield, Mass
O. B. Folkins.....East Somerville, Mass
W. L. Krook (Asst.) "
W. H. Prindall.....Concord, N. H
W. H. Rieckman, (Asst.).....East Cambridge, Mass

H. H. Wilson, Gen. Rd. For. Eng.... .....Boston, Mass

SUPERINTENDENTS OF SHOPS.

F. H. Blanchard.....Keene, N. H
W. W. Brown (Asst.) } Billerica, Mass
P. O. No. Billerica
F. H. Eddy.....East Fitchburg, Mass
H. L. Leighton..... } Billerica, Mass
P. O. No. Billerica
G. E. Stevens.....Somerville, Mass
G. A. Wyman.....Concord, N. H

DIVISION CAR FOREMEN.

W. G. Brown.....White River Jct., Vt
A. Craig.....Charlestown, Mass
M. Morrison..... Concord, N. H
D. H. Pyne.....Mechanicville, N. Y
R. P. Whitcher..East Cambridge, Mass

O. J. Brown, Supt. Fuel Serv. Boston, Mass
W. E. Small, Ch. Fuel Insp... "
W. E. Chase, Ch. Fuel Supvr. "
J. E. Gardiner, Gen. Air Brk. Insp. "
M. P. Cole, Gen. Car Insp... "
G. A. Silva, Gen. Insp. Loco. Maint..... "
J. P. Jangro, Gen. Insp. Car Maint..... "
L. C. Winship, Elec. Supt. & Supvr. P. P. North Adams, Mass
P. J. Callahan, Supvr. Car & Loco. Elec. Light.....Boston, Mass
J. Gullage, Gen. For. Car Shops..... } Billerica, Mass
P. O. No. Billerica
C. L. Mitchell, Gen. For. Loco. Shops.. "

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York Chicago

USL
U. S. LIGHT & HEAT CORPORATION

CAR LIGHTING BATTERIES

RAILWAY SIGNAL BATTERIES

ELECTRIC ARC WELDERS

U. S. Light & Heat Corporation

General Offices and Factory - - - NIAGARA FALLS, N. Y.

Branch Offices:

New York, Chicago, Detroit, Norfolk, St. Louis, Dallas, Kansas City, San Francisco

KING METALLIC PACKING
For Locomotive Piston Rods
Valve Stems and Air Pumps

KING
Reg. U. S. Pat. Off.

KING SANDERS
SECURITY LATCH
KING HAND BORING LATHE
KING INDESTRUCTIBLE OIL CUPS
GOLLMAR BELL RINGER
LEACH TRACK SANDERS

The U. S. Metallic Packing Co.

429 North Thirteenth Street Philadelphia, Pennsylvania

97—BOSTON & MAINE—Continued.

ENGINEERING, BRIDGES & ROADWAY

F. C. Shepherd, Ch. Const. Eng.....Boston, Mass
G. L. Huckins, Const. Eng. " "
H. B. Fletcher, Arch..... " "
F. D. Hall, Elec. Eng..... " "
E. D. Chapman, R. E. Eng. " "
F. B. Rowell, Research Eng. " "

MAINTENANCE OF WAY.

B. R. Pollock, V-Pres. & Gen. Mgr.....Boston, Mass.
W. J. Backes, Eng. M. W. ..... " "
G. K. Thornton, Asst. to Eng. M. W. " "
B. W. Guppy, Eng. of Struc..... " "
J. J. Rourke, Ch. Rdway. Mach. " "

DIVISION ENGINEERS.

R. Burroughs.....Concord, N. H
J. P. Canty.....Greenfield, Mass
C. J. Chase (Asst.).....Concord, N. H
S. P. Coffin.....Boston, Mass
H. W. Legro (Asst.).....Salem, Mass
R. H. Parke.....Woodsville, N. H
F. E. Sampson.....Springfield, Mass
G. H. Watson.....Salem, Mass
J. F. Whitney (Asst.)..Fitchburg, Mass

ASSISTANT ENGINEERS.

H. S. Ashley.....Woodsville, N. H
A. W. Gardner.....Greenfield, Mass
R. Q. Hamilton.....Springfield, Mass

BRIDGE & BUILDING SUPERVISORS.

J. E. Buckley.....Greenfield, Mass
S. E. Dufort.....Boston, Mass
A. I. Gauthier.....Concord, N. H
E. L. Gladden.....Springfield, Mass
H. C. McNaughton....Woodsville, N. H
T. G. Sughrue.....Salem, Mass

ASSISTANT BRIDGE & BUILDING SUPERVISORS.

H. C. Archibald.....So. Lawrence, Mass
C. C. Battey.....Woodsville, N. H
A. S. DeLoriea.....Lowell, Mass
J. H. Fifield.....Nashua, N. H
C. J. Griffin.....Salem, Mass
F. J. Leavitt.....Sanbornville, N. H
C. A. Little.....Concord, N. H
W. B. Southard.....St. Johnsbury, Vt
E. B. Tourtellotte.....Troy, N. Y
K. N. Wildes.....Fitchburg, Mass

TRACK SUPERVISORS.

W. J. Byrne.....Mechanicville, N. Y
T. J. Cree.....Concord, N. H
F. L. Evans..... "
P. Higgins.....Lawrence, Mass
M. King.....Worcester, Mass
C. W. Lewis.....Portsmouth, N. H
J. W. McManama.....Waltham, Mass
F. E. Millea.....Springfield, Mass
D. J. Morrison.....Gardner, Mass
P. J. Quinn.....Concord, N. H
S. H. Scribner.....Rochester, N. H
W. L. Shanks.....North Adams, Mass
J. F. Talbot.....Boston, Mass
D. J. Vallier.....Woodsville, N. H
M. Welch.....Salem, Mass
G. M. Woodman.....Lowell, Mass

ASSISTANT TRACK SUPERVISORS.

M. Baker.....Bellows Falls, Vt
L. V. Barrett.....Lowell, Mass
G. E. Boles.....Nashua, N. H

ASST. TRACK SUPERVISORS—CONT'D.

J. H. Dooling.....Waltham, Mass
G. A. Folsom (Act.).....Newport, Vt
T. K. Hall.....Manchester, N. H
A. M. Johnson.....Gardner, Mass
R. F. MacAulay.....Boston, Mass
N. J. MacDonald.....Westboro, N. H / P.O. West Lebanon
J. Richards.....Nashua, N. H
L. N. Wheelock.....Dover, N. H

L. H. Gordon, Scale Supvr.....East Somerville, Mass.

SIGNAL DEPARTMENT.

W. Y. Scott, Sig. Eng.....Boston, Mass.
A. R. Bacon, Asst. Sig. Eng.....Boston, Mass.
F. W. Parsons, Asst. Sig. Eng. "

SIGNAL SUPERVISORS.

W. Cairns.....Fitchburg, Mass
H. G. Clifford (Asst.).....Nashua, N. H
H. M. Gardner.....Woodsville, N. H
E. F. Gates.....Springfield, Mass
G. C. Ketchum.....Boston, Mass
E. P. Lister (Asst.)..... "
L. MacLeod..... "
L. E. Norton (Asst.).....Dover, N. H
T. Richardson.....Boston, Mass
O. B. Ruggles.....Salem, Mass
A. Ulrich.....Boston, Mass
C. A. Whitcomb....North Adams, Mass
A. A. Wood.....Concord, N. H

G. E. Kirby, Elec. For.....Boston, Mass

98—BOSTON, REVERE BEACH & LYNN R. R.

14 Mls, 3 G, 26 Loco, Cars: 98 Pass 28 Misc

K. Adams, Pres.....350 Atlantic Ave.
✠H. C. Mildram, V.-Pres.....Boston, Mass.
C. J. Curtaz, Treas..... "
¶★J. R. Sullivan, Supt.. "

99—

100—BOWDON RY. CO.

12 Mls, 2 Loco, Cars: 2 Pass

¶✪J. L. Lovvorn, Pres. & Gen. Mgr.....Bowdon, Ga
E. Lovvorn, Sec..... "
R. M. Lovvorn, Treas.... Richland, Ga
F. A. Hooper Gen. Coun...Atlanta, Ga
★✠W. C. Adams, Supt.....Bowdon, Ga

101—BOYNE CITY, GAYLORD & ALPENA R. R. CO.

132 Mls, 10 Loco, Cars: 281 Frt, 4 Pass, 8 Misc

✪W. H. White, Pres.....Boyne City, Mich.
T. White, V.-Pres.....Boyne City, Mich.
R. E. Olds, V.-Pres.....Lansing, Mich
★✠. H. White, V.-Pres.....Boyne City, Mich.
Gen. Mgr. & Treas.....
W. L. Martin, Sec..... "
J. M. Harris, Gen. Atty..... "
¶J. M. Tompkins, Aud., Pur. Agt. & Asst. Treas..... "
C. T. Sherman, G. F. & P. A. "
F. J. Beals, Supt. C. S..... "

102—BRANCHVILLE & BOWMAN R.R

Operation discontinued May, 1925.

103—104—

GIESSEL
SANITARY DRINKING WATER COOLERS AND DRINKING WATER FILTERS

FOR

PASSENGER CARS — BAGGAGE CARS
PARLOR CARS — EXPRESS CARS
DINING CARS — CABOOSE CARS
MAIL CARS — LOCOMOTIVES

STATIONS and OFFICES

MEET U. S. PUBLIC HEALTH BUREAU REQUIREMENTS FULLY. Also made to interchange in dimensions with those in use on older equipment. Let us quote you.

HENRY GIESSEL CO., MFRS.
29 S. CLINTON ST. - - CHICAGO, ILL.
NEW YORK WASHINGTON, D. C. HOUSTON, TEX.

PITTSBURGH STEEL PRODUCTS CO.

Manufacturers of

SEAMLESS STEEL TUBES

BOILER TUBES
SUPERHEATER TUBES
MECHANICAL TUBING

PITTSBURGH, PA.
New York Detroit Chicago

105—BRIDGTON & SACO RIVER R. R. CO.
21 Mls, 2 G., 5 Loco, Cars: 72 Frt, 7 Pass, 3 Misc
✠E. A. Crosby, Gen. Mgr...Bridgton, Me
M. M. Caswell, M. M..... "
For other officials see M. C. R. R., No. 563.

106—BRIMSTONE R. R. & CANAL CO.
13 Mls, 5 Loco, Cars: 156 Frt
New York address, 33 Rector St.
¶S. W. Maxwell, Pres.....Sulphur, La
W. R. Keever, V.-Pres. & Gen. Supt..... "
C. A. Snider, V.-Pres. & Treas .....New York, N. Y
A. Gaunt, Sec.....Sulphur, La
J. T. Kilbreth, Gen. Solr..New York, N. Y
G. Scherff, Aud..... "
J. R. Gordon, Traf. Mgr. "
A. R. Failon, Asst. Traf. Mgr..... "
J. T. Ellis, M. M.....Sulphur, La
K. McKerrow, Ch. Eng..... "

107—BRISTOL R. R CO.
6 Mls, 1 Loco, Cars: 3 Frt, 2 Pass, 1 Misc
¶H. R. Barney, Treas. & Supt..Bristol, Vt

108—BRITISH COLUMBIA ELEC. RY. CO., LTD.
345 Mls, 14 Loco. (Elec.), Cars: 420 Frt, 389 Pass, 69 Misc
R. M. Horne Payne, Chman. London, Eng
G. Kidd, Pres..... } Vancouver,
W. G. Murrin, V.-Pres.... } B. C.
A. T. Goward, V.-Pres....Victoria, B. C
R. W. Bartlett, Sec.....London, Eng
J. V. Armstrong, Loc. Sec. } Vancouver
E. H. Adams, Compt..... } B. C.
W. D. Power, G. F. & P. A.. "
¶P. Lewis, Pur. Agt..... "
§G. A. Dickie, M. M..... "
J. I. Newell, Elec. Supt..... "
H. M. Lloyd, Mech. Asst.... "
A. C. Eddy, Eng. of Way... "

—† BRITISH COLUMBIA YUKON RY. CO.

—† BRITISH YUKON NAVIGATION CO., LTD.

—† BRITISH YUKON RY. CO.
See White Pass & Yukon Route, No. 1054.

109—BROOKINGS & PEACH ORCHARD R. R. CO.
3 Mls, 1 Loco, Cars: 4 Frt
St. Louis address, 2400 So. Main St.
H. A. Quellmalz, Pres.....Peach Orchard, Ark
A. Quellmalz, V.-Pres.....St. Louis, Mo
R. H. Vogan, Sec. Peach Orchard, Ark
E. L. Quellmalz, Treas....St. Louis, Mo
¶★✠A. F. Quellmalz, Supt .....Peach Orchard, Ark

110—BROOKSVILLE & OHIO RIVER R. R. 10 Mls, 1 Loco, Cars: 1 Frt
B. J. Davis, Supt. .....Brooksville, Ky

111—BROWNSTONE & MIDDLETOWN R. R. 3 Mls, 2 Loco, Cars: 2 Pass
✠A. K. Walton, Pres. & Treas..... } Waltonville, Pa.
¶W. A. Umberger, Sec. & Aud ..... } P. O. Hummelstown "
★A. G. Walton, Supt.. "

112—BROWNWOOD, NORTH & SOUTH RY. CO.
18 Mls Equipment owned—none
For officials see Ft. W. & R. G. Ry., No. 350.

113—114

115—BUFFALO & SUSQUEHANNA R. R. CORP.
253 Mls, 51 Loco, Cars: 3,081 Frt, 13 Pass, 68 Misc
E. R. Darlow, Pres.....Buffalo, N. Y
✪A. M. Darlow, V.-Pres. & Gen. Mgr.....Wellsville, N. Y
F. E. Hall, Sec. & Treas...Buffalo, N. Y
V. J. Estabrook, Asst. Treas..... .....Wellsville, N. Y
T. J. Elmer, Gen. Aud.....Buffalo, N. Y
W. L. McGuigan, Aud..Wellsville, N. Y
E. M. Meagher, G. F. & P. A... "
G. D. Reynard, Supt.....Galeton, Pa
G. A. Clark, Supt. C. S..... "
¶E. J. Urtel, Pur. Agt.....Wellsville, N. Y
N. J. Brown, Str. Kpr.....Galeton, Pa
T. H. Nanney, M. M..... .... "
E. A. Lacy, Rd. For. Eng.... "
§C. E. Spoor, M. C. B..... "
O. A. Smith, Eng..... "
J. W. Clark, Rd. Mast..... "
SUPERVISORS.
W. Lawless.....Du Bois, Pa
T. Madigan.....Galeton, Pa

116 to 120

121—BUFFALO CREEK R. R.
6 Mls, 25 Loco. Cars owned—none
Erie R. R. and Lehigh Valley R. R..Lessees
D. Flaherty, Gen. Supt....Buffalo, N. Y

122—BUFFALO CREEK & GAULEY R. R. CO., THE
19 Mls, 2 Loco, Cars: 900 Frt, 2 Pass
V. C. McCormick, Pres. } Dundon (Clay
¶✠✪J. G. Bradley, V.-Pres., Sec., Treas. & Gen. Supt. } Co.), W. Va. "
★J. C. Hiltabidle, Supt. Trans. "
J. V. Hinshelwood, Ch. Acct "

123—BUFFALO, ROCHESTER & PITTSBURGH RY. CO.
602 Mls, 293 Loco, Cars: 15,277 Frt, 103 Pass, 317 Misc
New York address, 36 Wall St.
EXECUTIVE, FINANCIAL AND LEGAL
✪W. T. Noonan, Pres.....Rochester, N. Y
¶D. S. Jones, Asst. to Pres. "
T. F. Brennan, V.-Pres. "
A. Iselin, V.-Pres.....New York, N. Y
W. E. Roosevelt, Vice-Pres. "
E. Iselin, Sec. & Asst. Treas. "
J. F. Dinkey Aud. & Treas. } Rochester,
A. L. Genzmer, Asst. Aud.. } N. Y.
A. C. Durfee, Asst. Treas... "
W. B. Davis, Clm. Agt..... "
A. V. Edick, Frt. Clm. Agt.. "

STANDARD STEEL PLATFORMS
In use by 281 Companies
MADE BY
STANDARD COUPLER CO.
110 East 42d St., New York

Johns-Manville

INCORPORATED

General Railroad Department

23—BUFFALO, ROCHESTER & PITTSBURGH—Con.

TRAFFIC.

E. A. Niel, Frt. Traf. Mgr..Rochester, N.Y
E. D. Davis, G. F. A..... "

ASST. GENERAL FREIGHT AGENTS.

G. A. Bowman.....Buffalo, N.Y
J. C. Gross.....Pittsburgh, Pa
W. H. Francis.....Rochester, N.Y
W. Pugh..... "
H. E. Huntington, G. P. A. Rochester, N.Y

OPERATING.

T. F. Brennan, V.-Pres. Rochester, N. Y
E. J. Devans, Gen. Supt.. ..Du Bois, Pa
H. E. Patterson, Supt..Rochester, N. Y
A. B. White, Supt..Punxsutawney, Pa

ASSISTANT SUPERINTENDENTS.

G. W. Bennett.....Rochester, N. Y
P. N. Boylan..... "
D. W. McCarthy.....Punxsutawney, Pa
T. C. McCarthy...East Salamanca, N. Y
T. P. McMahon.....Du Bois, Pa
R. L. Moore.....Punxsutawney, Pa
A. H. Stokes..... "

TERMINAL SUPERINTENDENTS.

E. F. Ryan.....Buffalo, N. Y
F. J. Thompson.....New Castle, Pa
J. E. Burnes, Supt. Car Serv.....Rochester, N. Y
F. H. Post, Supt. Stat. & Transfers.....Dubois, Pa
H. E. Hart, Car Acct....Rochester, N.Y
W. E. Kelley, Ch. Disp.. "

PURCHASING.

¶ D. S. Jones, Asst. to Pres..Rochester, N.Y

STORE KEEPERS.

O. T. Burleigh (Trav.)...Rochester, N.Y
W. M. Hughes...East Salamanca, N. Y
W. J. Sidey.....Du Bois, Pa

MECHANICAL.

E. V. Williams, Supt. M. P...Du Bois, Pa
W. J. Knox, Mech. Eng..... "
G. T. Van Arsdale, Chemist & Eng. Tests..... "

MASTER MECHANICS.

E. E. Cope.....DuBois, Pa
T. C. Donaldson..East Salamanca, N.Y

ROAD FOREMEN ENGINES.

J. T. Eagan.....Du Bois, Pa
E. C. Green.....Punxsutawney, Pa
W. E. O'Brien.....Rochester, N. Y
J. T. Sullivan.....DuBois, Pa

SUPERINTENDENTS OF SHOPS.

H. W. Brewer.....DuBois, Pa
J. P. Kendrick..East Salamanca, N. Y
C. E. Peiffer, M. C. B.....Du Bois, Pa
P. S. Hursh, Supvr. Boilers.. "
H. Sneck, Supvr. Air Brakes. "
J. Gratton, Gen. For. Paint.. "

ENGINEERING, BRIDGES & ROADWAY

E. F. Robinson, Ch. Eng.... } Rochester
W. F. Pond, Office Eng..... } N. Y.
E. W. Hammond, Eng. M. W... "
C. H. Griggs, Div. Eng.....East Salamanca, N.Y
W. Morrow, Div. Eng .....Du Bois, Pa
E. G. Foster, Valua. Eng. Rochester, N.Y
H. B. Hoyt, Supvr. Timb. Preserv. Plant.....Bradford, Pa

SUPERVISORS BRIDGES & BUILDINGS.

W. E. Maley.....Du Bois, Pa
T. E. Snyder (Act.)..East Salamanca, N.Y

ROAD MASTERS.

J. Fitzgerald.....Rochester, N. Y
C. E. Gentner.....Bradford, Pa
J. B. Oatman.....Du Bois, Pa
A. Salinsky.....East Salamanca, N. Y
J. Shaw..... .....Punxsutawney, Pa

SIGNAL DEPARTMENT.

E. W. Kolb, Sig. Eng....Rochester, N.Y
W. L. Connors. Asst. Sig. Eng..Du Bois, Pa

SIGNAL SUPERVISORS.

A. J. Darrow.... East Salamanca, N. Y
J. H. Moore.....Warsaw, N. Y
G. H. Person .....Punxsutawney, Pa

123a—BUFFALO, UNION-CAROLINA R. R. 20 Mls, 3 Loco, Cars: 2 Pass

H. C. Fleitman, Pres...New York, N. Y
¶ ✪ L. B. Woodward, Gen. Mgr. & Aud.....Union, S. C
F. E. Whitman, Treas..New York, N.Y
G. W. Forrester, Traf. Mgr..Atlanta, Ga
C. H. Miller, M. M.....Union, S. C
T. K. Jarrett, Rd. Mast..... "

124—BULLFROG GOLDFIELD R. R.

80 Mls, Cars: 12 Frt, 4 Pass

For officials see T. & T. R. R., No. 982b.

124a—BURLINGTON, MUSCATINE & NORTHWESTERN RY. CO.

54 Mls, 6 Loco, Cars: 8 Frt, 5 Pass, 1 Misc.

¶ ★ ✠ E. L. Tobie, Pres. & Mgr. Muscatine, Ia
F. H. Collins, V.-Pres. & Treas. "
J. M. Kemble, Sec..... "

—† BURLINGTON ROUTE.

See C. B. & Q. R. R. Co., No. 135.

—† BURRO MOUNTAIN R. R.

See So. Pac. Co., No. 930.

125—BUSH TERMINAL R. R. CO. (Electric). 4 Mls., 4 Motors (Elec.)

New York address, 100 Broad St.

I. T. Bush, Pres.....New York, N.Y
R. G. Simonds, V.-Pres.. "
R. S. Williams, Sec..... "
J. A. Heinrich, Treas.... "
P. L. Gerhardt, Mgr. (Oper. & Traf.)..... "
W. K. Struss, G. F. A....Brooklyn, N.Y
E. Chase, Supt. Trans... "

126—BUTLER COUNTY R. R. CO.

50 Mls, 4 Loco, Cars: 163 Frt, 5 Pass, 23 Misc

P. M. Ripley, Pres... } 117 Wall St.,
T. A. Sullivan, V.-Pres. } New York, N. Y
P. Handte, Sec. & Treas.. } Poplar Bluff,
¶ ✪ E. T. Hopkins, Gen. Mgr. } Mo.
G. H Windsor, G. F. & P. A. "
C. S. Hudelson, M. M..... "
W. E. Walker, Eng. M. W. "
J. R. Argo, Rd Mast.....Quin, Mo

127—BUTTE, ANACONDA & PACIFIC RY. CO.

76 Mls, 35 Loco. Cars: 1,464 Frt, 16 Pass, 3 Misc

New York address, 25 Broadway.

C. F. Kelley, Pres.....New York, N. Y
B. B. Thayer, V.-Pres.... "
J. R. Hobbins, V.-Pres.....Butte, Mont
P. M. Halloran, Sec., Treas. & Aud.....Anaconda, Mont.

DE REMER - BLATCHFORD CO.

Successors to

SPENCER OTIS CO.

Dealers in

Railroad Supplies

General Offices

747 RAILWAY EXCHANGE

CHICAGO

Railroad and Steamship Dep't.

West Disinfecting Company

NEW YORK

Manufacturers of

Disinfectants, Deodorants, Insecticides, Liquid Soap, Fumigants and Sanitary Appliances all of KNOWN and GUARANTEED VALUES. PORTABLE STEAM STERILIZERS. KWYK LIQUID METAL POLISH, non-inflammable, non-combustible.

STANDARD in quality STANDARD in efficiency

STANDARD in price

Your Correspondence Is Solicited

127—BUTTE, ANACONDA & PACIFIC—Cont d.
A. H. Mellin, Asst. Sec. & Asst. Treas.....New York, N.Y
L. O. Evans, Gen. Coun.....Butte, Mont
J. C. Marmg, G. F. & P. A.. } Anaconda, Mont.
¶✪H. A. Gallwey, Gen. Mgr. } "
C. F. Murphy, Supt..... "
Wm. Sanner, Car Acct..... "
T. D. Kelly, Str. Kpr..... "
§ C. H. Spengler, M. M..... "
P. S. Everett, M. C. B..... "
F. W. Bedinger, Elec. Supt. "
J. M. Boardman, For. Paint. "
J. H. Schuck, Ch. Eng..... "
T. J. McCarvel, Supt. M. W. & S "

128—CACHE VALLEY R. R. CO.
14 Mls, 2 Loco, Cars: 3 Frt, 1 Pass
Memphis address, 155 Wisconsin Ave.
H. F. Harper, Pres.....Lansing, Mich
W. C. Brock, V.-Pres....Memphis, Tenn
J. H. Phipps, V. Pres..... "
✪C. E. Castle, Sec., Treas. & Gen. Mgr..... "
E. L. Westbrook, Gen. Atty.....Jonesboro, Ark
J. H. Townshend, Traf. Mgr.....Memphis, Tenn
C. A. New, G. F. & P. A. "
¶H. Couch, Gen. Supt.....Sedgwick, Ark
E. F. Veal, Supt. M. P..... "
L. D. Lee, Rd. Mast..... "

129—CADDO & CHOCTAW R. R. CO.
30 Mls, 4 Loco, Cars: 95 Frt, 1 Pass
Kansas City address, Davidson Bldg.
¶★T. W. Rosborough, Pres. Rosboro, Ark
M. R. Smith, V.-Pres...Kansas City, Mo
B. S. Cole, Sec.-Treas.....Rosboro, Ark
E. M. Harris, Traf. Mgr. Kansas City, Mo
W. F. Ingham, Gen. Mgr. "
L. D. Williams, Supt.....Rosboro, Ark
G. E. Giles, Ch. Eng..... "

130—CADIZ R. R.
10 Mls, 2 Loco, Cars: 2 Frt, 2 Pass
¶★✠✪J. P. White, Pres., Gen. Mgr., Aud. & G. F. & P. A...Cadiz, Ky
B. T. White, V.-Pres..... "
A. C. Burnett, Sec..... "
B. M. Shaw, Treas..... "

131—CAIRO & KANAWHA RY.
16 Mls, 3 G., 2 Loco, Cars: 24 Frt, 2 Pass
¶★✪L. Shaffer, Pres..... } Box 393, Parkersburg, W. Va
C. T. Hiteshew, Treas... }
D. G. McGregor, Sec.....Cairo, W. Va
H. Durkin, Aud..... "
E. Smith, Supt..... "
C. Pribble, Supvr..... "

132—CAIRO, TRUMAN & SOUTHERN R. R. CO.
14 Mls, 5 Loco, Cars: 85 Frt, 1 Pass
Kansas City address, 2401 Penn St.
J. H. Tschudy, Pres...Kansas City, Mo
J. Tschudy, 1 V.-Pres... "
★✠E. W. Tschudy, 2 V.-Pres. & Supt.....Memphis, Tenn
¶B. Fellers, 3 V.-Pres. & Pur. Agt.....Kansas City, Mo
F. Tschudy, Sec. & Traf. Mgr.....Kansas City, Mo
R. H. Tschudy, Treas. & Gen. Mgr..... "
O. W. Pratt, Gen. Coun. "

132a—CALIFORNIA & OREGON COAST R. R. CO., THE
15 Mls, 2 Loco, Cars: 28 Frt, 2 Pass
Receiver appointed February 18, 1925.
C. H. Demaray, Recr..... } Grants Pass, Ore.
¶★✠✪J. A. Johnsrud, Gen. Mgr..... }

132b—CALIFORNIA CENTRAL R. R. CO. 8 Mls, 1 Loco, Cars: 8 Frt
W. F. Humphrey, Pres..... } 715 Standard Oil Bldg., San Francisco, Cal.
¶✪J. A. McCarthy, V.-Pres. & Gen. Mgr. "
C. B. Flick, Sec..... "
C. F. Bovee, Traf. Mgr. "

132c—CALIFORNIA, SHASTA & EASTERN RY. 16 Mls, 1 Loco, Cars: 1 Misc
W. J. Walker, Pres..... } 307 Monadnock Bldg., San Francisco, Cal.
F. L. Walker, V.-Pres. }
L. B. Walker, Sec. & Treas..... }
C. E. Priest, Aud..... "
¶C. M. Wininger, Pur. Agt. "
★✠A. H. Manter, Supt.....Anderson, Cal

133—CALIFORNIA WESTERN R. R. & NAVIGATION CO.
43 Mls, 9 Loco, Cars: 168 Frt, 3 Pass, 21 Misc
¶✪C. A. Curtis, Gen. Mgr... } Fort Bragg, Cal.
A. T. Nelson, Aud..... }
W. S. Taylor, Gen. Traf. Agt. "
✠H. A. Brown, Supt..... "
F. L. Hanson, Supt..... "
R. Mulholland, M. M..... "

133a—CAMARGO & WESTERN R. R.
20 Mls, 3 Loco, Cars: 8 Frt, 2 Pass, 2 Misc
W. D. Ross, Pres.....Toronto, Ont
¶I. N. Thacker, Sec., Treas. & Pur. Agt.....El Paso, Tex
★T. G. Mackenzie, Gen. Mgr.....Parral, Chih., Mex
V. H. Nelson, Supt. La Boquilla, Chih., Mex
J. A. E. Reynolds, Ch. Eng. "

134—CAMAS PRAIRIE R. R. CO.
151 Mls, Equipment owned, none
Seattle address, L. C. Smith Bldg.
A. V. Brown, Pres.....Seattle, Wash
J. P. O'Brien, V.-Pres.....Portland, Ore
C. E. McCulloch, Sec..... "
E. Askevold, Treas.....Seattle, Wash
F. W. Sercombe, Aud.....Portland, Ore
¶★✠R. E. Hanrahan, Mgr. Lewiston, Ida

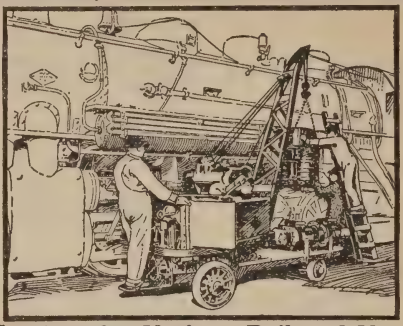
135—CAMBRIA & INDIANA R. R. CO.
50 Mls, 13 Loco, Cars: 3,475 Frt, 4 Pass, 5 Misc
Philadelphia address, 260 So. Broad St.
✪C. E. Sprout, Pres..... } Philadelphia, Pa.
A. L. Horst, Asst. to Pres. & G. F. & P. A..... }
F. E. Herriman, V. Pres... "
C. M. Johnson, Sec..... "
L. G. Ball, Treas..... "
J. E. Cupp, Gen. Coun... "

PORTABLE ELECTRIC CRANES

(Battery Driven)

for Stores, Locomotive and Car Shops

ELWELL



PARKER

Tructors for Various Railroad Uses.

Lift, elevator and platform trucks for stores and shop, tractors and lift trucks for freight terminal, and baggage trucks for passenger terminal.

The Elwell-Parker Electric Company, Cleveland, O.

The Acme Machinery Co.

4563 St. Clair Ave., N. E., Cleveland, O.

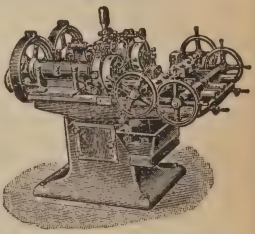
MANUFACTURERS OF

Acme Bolt and Rivet Headers

ACME SINGLE AND DOUBLE AUTOMATIC BOLT CUTTERS

Cutting from 1/8 in. to 6 in. diameter

ALSO SEPARATE HEADS AND DIES



HARRON, RICORD & McCONE, Agents

SAN FRANCISCO, CAL.

135—CAMBRIA & INDIANA—Continued.
C. R. Smith, Aud.....Philadelphia, Pa
¶H. H. Hooper, Supt.....Colver, Pa
M. B. Hooper, M. M. ..... "
S. H. Jencks, Ch. Eng....Ebensburg, Pa
S. Carlson, Supvr.....Colver, Pa

135a—CAMINO, PLACERVILLE & LAKE TAHOE R. R. CO.
9 Mls, 1 Loco, Cars: 1 Frt, 1 Misc
¶★✠J. Danaher, Pres.....Camino, Cal
J. W. Blodgett, V.-Pres. } Grand Rapids, Mich.
S. V. R. Hayes, Sec. & Treas. Camino, Cal

136—CAMPBELL'S CREEK R. R. CO.
14 Mls, 3 Loco, Cars: 138 Frt, 3 Pass, 1 Misc
✪E. O. Dana, Pres. & Treas....Dana, W. Va
R. P. Gillham, V.-Pres..... "
O. D. Gillham, Sec..... "
W. E. Streng, Compt..... "
H. D. Harner, Aud. & Traf. Mgr..... "
W. V. Rensford, Gen. Mgr. "
J. B. Rensford, Asst. Gen. Mgr..... "
¶R. W. Tompkins, Pur. Agt. & Gen. Str. Kpr..... "
W. H. Canterbury, M. M.. "
R. M. Mallory, Rd. Mast.. "

136a—CANADA & GULF TERM. RY. CO.
38 Mls, 5 Loco, Cars: 33 Frt, 5 Pass, 2 Misc
M. J. O'Brien, Pres.....Renfrew, Ont
J. A. O'Brien, V.-Pres.....Ottawa, Ont
E. M. Hoctor, Sec. & Treas. Montreal, Que
T. J. Fouhy, Acct.....Mont Joli, Que
¶★✠✪J. E. Pinault, Gen. Supt..... "

—† CANADIAN GOVERNMENT RYS.
See Canadian National Rys., No. 137.

137—CANADIAN NATIONAL RYS.
22,117 Mls, 3,175 Loco, Cars: 123,354 Frt, 3,481 Pass, 8,890 Misc
Mileage also shown separately for each Region.
CANADIAN GOVERNMENT RYS.
CANADIAN NORTHERN RY.
CENTRAL VERMONT RY. (mileage and equipment shown separately).
DULUTH, WINNIPEG & PACIFIC RY.—DULUTH, RAINY LAKE & WINNIPEG RY. (mileage and equipment shown separately).
GRAND TRUNK PACIFIC RY.
GRAND TRUNK RY. SYSTEM.
GRAND TRUNK WESTERN RY. (mileage also shown separately).
INVERNESS RY. & COAL CO. (mileage and equipment shown separately).
NIAGARA, ST. CATHARINES & TORONTO RY.

System Officials.
EXECUTIVE.
✪H. W. Thornton, K. B. E., Chman. & Pres..... } Montreal, Que.
L. V. Hummel, Asst. to Pres. "
G. Ruel, V.-Pres..... "
★✠S. J. Hungerford, V.-Pres. "
J. E. Dalrymple, V.-Pres..... "
W. D. Robb, V.-Pres..... "
¶R. C. Vaughan, V.-Pres..... "
D. C. Grant, V.-Pres..... } Montreal, Que.
D. E. Galloway, Asst. V.-Pres. "
R. P. Ormsby, Sec..... "
D. R. Gunn, Asst. Sec..... "
H. Phillips, Asst. Sec..... "
R. A. C. Henry, Dir. Bur. Economics..... "
E. P. Mallory, Dir. of Stat.... "
W. S. Thompson, Dir. Pub... "
H. J. Page, Ch. of Investigation "

FINANCIAL AND ACCOUNTING.
D. C. Grant, V.-Pres..... } Montreal, Que.
C. D. Cowie, Asst. to V.-Pres. "
J. A. Yates, Gen. Treas..... "
H. G. Foreman, Asst. Gen. Treas. "
G. F. Ancrum, Treas..... "
E. Fleming, Asst. Treas..... "
R. W. Denman, Asst. Treas.. "
J. M. Rosevear, Gen. Compt.. "
C. E. Friend, Asst. Gen. Compt. "
T. Waterston, Gen. Sol..... "
A. Clarke, Gen. Acct. ..... "
W. D. Waddell, Gen. Acct... "
T. H. Cooper, Gen. Aud..... "
W. S. Harrison, Gen. Aud. Rev. "
G. A. Godfrey, Asst. Gen. Aud. Rev..... "
W. L. Brown, Aud. Agencies. "
W. Walmsley, Aud. Frt. Accts. "
W. H. Estano, Aud. Pass. Accts. "
H. F. Parker, Aud. Overcharge Clms..... "
L. C. Groom, Aud. Land Dept. "
J. G. Swalwell, Aud. Exp. Dept. "
J. A. Hill, Asst. Aud. Exp. Dept. "
E. Arnold, Gen. Frt. Clm. Agt. "

LEGAL.
G. Ruel, V.-Pres..... } Montreal, Que.
D. B. Smith, Asst. to V.-Pres. & Gen. Coun..... "
W. C. Chisholm, Gen. Coun.. "
A. Fraser, Comm. Coun..... "
T. G. Watson, Tax Comr..... "
R. R. Nichol, Asst. Tax Comr..... } Winnipeg, Man

TELEGRAPHS, INSURANCE, COLONIZATION, AGRICULTURE, NATURAL RESOURCES, LAND, PENSIONS, RELIEF, RADIO, SAFETY & FIRST AID.
W. D. Robb, V.-Pres.....Montreal, Que
C. Manning, Asst. to V.-Pres. "

TELEGRAPH AND TELEPHONE DEPT.
W. G. Barber, Gen. Mgr...Toronto, Ont
A. C. McConnell, Sec. & Asst. Gen. Mgr..... "
J. F. McTaggart, Treas.... "
R. W. Ball, Gen. Supt..... "
G. H. Stead, Gen. Supt..Winnipeg, Man
E. Kenward, Gen. Plant Supt.....Toronto, Ont
H. K. Clark, Supt. Equip. "
G. Watt, Supt. of Sup..... "
R. H. Hathaway, Supt. News Dept..... "

DISTRICT SUPERINTENDENTS.
J. G. Davies.....Winnipeg, Man
C. W. Dawzy.....Toronto, Ont
C. C. Stewart.....Montreal, Que
J. Sullivan.....Edmonton, Alta

PINTSCH LIGHT USED ON 217 RAILROADS The Safety C. H. & L. Co. 2 Rector St., New York.

"MIDLAND" Car Door Fixtures

For BAGGAGE, MAIL AND EXPRESS CARS:

No. 101—MIDLAND DOOR HANGER
No. 1012—COMBINATION SAFETY STOP AND DOOR HANGER
No. 27—WILBERN DOOR HANGER
No. 315—MIDLAND DOOR HANGER
No. 12—SAFETY DOOR STOP

For BOX CARS, STOCK CARS, AUTOMOBILE CARS:

No. 8—MIDLAND DOOR HANGER

For WAREHOUSE AND STATION DOORS:

No. 2—SPECIAL WILBERN DOOR HANGER

Descriptive Matter and Blue Prints on Request

THE MIDLAND COMPANY South Milwaukee Wis.

Chicago Office—628 McCormick Bldg.

ARISTOS "COPPERWELD" WIRE

TRADE MARK REG. U.S. PAT. OFF.

BOND WIRES
SIGNAL WIRE
TWISTED PAIR
MESSENGER STRAND
GROUND RODS—NAILS

(Made by the Molten Welding Process)

COPPERWELD STEEL COMPANY

NEW YORK SALES OFFICE:
30 CHURCH STREET, NEW YORK

CHICAGO SALES OFFICE
129 S. JEFFERSON ST., CHICAGO

MAIN OFFICE AND WORKS: BRADDOCK P. O. RANKIN, PA.

EASTERN SALES REPRESENTATIVES; RAILROAD ACCESSORIES CORPORATION

137—CANADIAN NATIONAL RYS.—Continued.

System Officials—Continued.

DISTRICT PLANT SUPERINTENDENTS.

W. Girard.....Winnipeg, Man
W. J. Rooney.....Edmonton, Alta

SUPTS. OF RAILWAY TELEGRAPH SERVICE.

A. P. Linnell.....Toronto, Ont
J. B. MacGregor.....Battle Creek, Mich
R. McMillan.....Winnipeg, Man

COLONIZATION, AGRICULTURE AND NATURAL RESOURCES.

W. J. Black, Director...Montreal, Que
C. Price-Green, Comr. Natural Resources..... "
C. T. Young, Supt. Devel...Toronto, Ont
L. B. Boyd, Supt.....St. Paul, Minn
R. C. W. Lett, Supt. Nat. Resources.....Edmonton, Alta
J. E. Laforce, Gen. Agt....Boston, Mass
D. M. Johnson, West. Mgr. Winnipeg, Man

LAND DEPARTMENT.

E. A. Field, Land Comr. Winnipeg, Man
G. G. Baird, Asst. Land Comr..... "
L. B. Boyd, Supt. Land Dept.....St. Paul, Minn

W. D. Keeson, Dir. of Insur. } Montreal,
F. A. Bourne, Supt. Pen. & } Que.
Relief..... "
A. R. McEwan, Act. Dir. Radio. "
W. A. Booth, Dir. Safety & First Aid..... "

TRAFFIC.

J. E. Dalrymple, V.-Pres.... } Montreal,
G. T. Bell, Exec. Asst. to } Que.
V.-Pres..... "
J. M. Sparling, Asst. to V.-Pres. "
H. C. Martin, Gen. Frt. Traf. Mgr. "
D. O. Wood, Traf. Mgr. Foreign Frt. Dept..... "
H. H. Melanson, Gen. Pass. Traf. Mgr..... "
E. Gooch, Asst. to Gen. Pass. Traf. Mgr..... "
C. W. Johnston, Pass. Traf. Mgr..... "
R. L. Fairbairn, Mgr. Pass. Serv. Bur..... "
J. R. Melville, Asst. to Mgr. Pass. Serv. Bur..... "
H. R. Charlton, Mgr. Adv. Bur. "
W. L. Crighton, Asst. Mgr. Adv. Bur..... "
C. K. Howard, Gen. Tour. Agt. "
R. F. MacLeod, Mgr. Tariff & Ticket Bur..... "

EXPRESS DEPARTMENT.

W. C. Muir, Gen. Mgr.....Montreal, Que
G. E. Bellerose, Gen. Supt. Trans..... "
W. H. Bryce, Mgr. Money Order Dept..... "
F. C. Salter, Mgr. For'n Dept..... "
J. H. Sonne, Treas..... "
J. H. Moore, Supt. Equip. & Supplies..... "
W. C. Webb, Gen. Clm. Agt. "

GENERAL SUPERINTENDENTS.

C. A. Cunningham.....Winnipeg, Man
W. E. Norman.....Toronto, Ont
F. N. Wiggins.....Montreal, Que

SUPERINTENDENTS.

G. J. Bothwell.....London, Ont
C. L. Bowles.....Quebec, Que
S. H. Bullett..... .....North Bay, Ont
H. R. Hauch..... .....Moncton, N. B
R. H. Jones.....Toronto, Ont
B. A. Latta.....Edmonton, Alta
F. Norman.....Winnipeg, Man
W. F. Pillar.....Saskatoon, Sask
A. J. Seaton.....Montreal, Que
A. F. Stillman.....Belleville, Ont

OPERATING.

★✠S. J. Hungerford, V.-Pres. } Montreal,
A. J. Hills, Asst. to V.-Pres. } Que.
A. E. Crilly, Ch. of Wage Bur. "
W. S. Murphy, Gen. Time Supvr. "
W. H. Kilby, Ch. Forest Prot. "
D. Crombie, Ch. of Trans.... "
W. Pratt, Gen. Mgr. Sl., Din. & Par. Cars, Hotels & Ry. Rest..... "
R. M. Flett, Asst. to Gen. Mgr. Sl., Din. & Par. Cars & Ry. Rest. "
E. W. Smith, Gen. Supt. Sl., Din. & Par. Cars & Ry. Rest. "
A. S. McLean, Gen. Supt. Hotels "
Dr. J. A. Hutchison, Ch. Med. Off..... "

PURCHASING AND STORES.

¶R. C. Vaughan, V.-Pres..... } Montreal,
D. McK. Ford, Asst. to V.-Pres } Que.
¶L. Lavoie, Gen. Pur. Agt..... "
W. E. Evans, Asst. to Gen. Pur. Agt..... "
L. C. Thomson, Mgr. of Strs.. "
W. Dryburgh, Act. Gen. Insp. Strs..... "
E. J. McVeigh, Supt. Reclam. "
G. H. Jenkins, Gen. Fuel Agt. "
A. L. Graburn, Asst. Gen. Fuel Agt..... "
T. D. Smith, Lake Fwd. Agt. (Fuel).....Cleveland, O
C. P. MacLaren, Gen. Tie & Timber Agt.....Montreal, Que

MECHANICAL.

S. J. Hungerford, V.-Pres... } Montreal,
C. E. Brooks, Ch. of M. P..... } Que.
W. F. Connal, Mech. Eng..... "
G. E. Smart, Ch. of Car Equip. "
C. L. Allan, Ch. Draught..... "
W. H. Clegg, Ch. Insp. Air Brk. & Car Heat Equip..... "
J. W. Johnson, Ch. Insp. Car Lgt. & Head Lgt. Equip..... "
J. Roberts, Gen. Supvr. Shop Methods..... "

ENGINEERING, BRIDGES & ROADWAYS

S. J. Hungerford, V.-Pres... } Montreal,
C. B. Brown, Ch. Eng. (Oper.) } Que.
C. S. Gzowski, Ch. Eng. (Const.) "
M. S. Blaiklock, Asst. Ch. Eng. "
H. T. Hazen, Asst. Ch. Eng.. "
C. N. Monsarrat, Consit. Eng. "
J. Schofield, Arch..... "
R. M. Mitchell, Gen. R. W. Agt. "

PINTSCH LIGHT USED ON 217 RAILROADS The Safety C. H. & L. Co. 2 Rector St., New York.

LET THEM WEAVE,
THE SHEETS WON'T SPLIT.
THEY'RE PIVOTED!
MURPHY
XLA
FLEXIBLE
ROOFS
STANDARD RAILWAY EQUIPMENT COMPANY
NEW YORK
CHICAGO
ST. LOUIS

137—CANADIAN NATIONAL RYS.—Continued.

System Officials—Continued.

W. A. Duff, Eng. Standards } Montreal,
J. A. Ellis, Asst. Eng. Ridway } Que.
Standards ..... "
R. O. Stewart, Asst. Eng. Bridge Standards ..... "
R. G. Gage, Elec. Eng ..... "
F. F. Clarke, Ch. Land Survey. "
W. M. Punter, Sig. Eng ..... "

137a—Atlantic Region.

2,808 Mls (mileage also included in C.N.Rys., No. 137)

Comprising all lines and facilities east of Riviere du Loup and Monk, Que. (including Riviere du Loup Terminal, but not including Monk Terminal).

OPERATING.

W. U. Appleton, Gen. Mgr.. } Moncton,
R. W. Simpson, Asst. Gen. Mgr. } N. B.
..... "

SUPERINTENDENTS.

W. R. Fitzmaurice..Campbellton, N. B
T. B. Grady.....Charlottetown, P. E. I
F. Griffin.....Edmundston, N. B
J. T. Hallisey.....Halifax, N. S
R. H. Martin.....New Glasgow, N. S
W. N. Rippey.....Moncton, N. B

ASSISTANT SUPERINTENDENTS.

A. O. Crookshank....South Devon, N. B
W. A. Fitch.....Moncton, N. B
J. D. MacNutt.....Campbellton, N. B
H. V. Musgrave.....Halifax, N. S
W. E. Robinson.....Bridgewater, N. S
K. Stewart.....New Glasgow, N. S

A. C. Barker, Supt. Trans..Moncton, N. B
A. P. Gorbell, Asst. Supt. Trans ..... "
J. W. Johnston, Supt. Ferries ..... } Mulgrave, N. S
C. S. Pushie, Supt. Term..St. John, N. B
E. Cameron, Supt. S., D. & Par. Car & Ry. Rest.....Halifax, N. S
Dr. W. A. Ferguson, Asst. Ch. Med. Off ..... } Moncton, N. B.
B. A. Bourgeois, Treas..... "
H. K. Goodwin, Asst. Treas.. "
A. E. Plant, Compt..... "
G. N. Palmer, Aud. Disb..... "
J. McKee, Frt. Clm. Agt..... "
I. C. Rand, Reg. Coun. & Gen. Clm. Agt ..... "

TRAFFIC.

A. T. Weldon, Traf. Mgr..Moncton, N. B
M. F. Tompkins, G. F. A.. "
J. H. Norton, Asst. G. F. A. "
A. J. Gray, Asst. G. F. A..St. John, N. B
R. J. Foreman, For. Frt. Agt .....Montreal, Que
J. A. Wright, Asst. For. Frt. Agt..... "
R. E. Perry, Mgr. Rate & Tar. Bur..... "
C. W. Wells, Asst. Mgr. Rate & Tar. Bur..... "
W. K. Evans, Mgr. Div. Bur "
F. W. Robertson, G. P. A. Moncton, N. B
G. D. LeBlanc, G. B. A.... "
W. Phillips, Mgr. Ind. Dept. Montreal, Que

PURCHASING AND STORES.

¶F. H. Kinnear, Pur. Agt..Moncton, N. B
W. B. Logan, Gen. Str. Kpr. "
A. J. Wilmot, Fuel Agt.... "
J. C. Stewart, Tie Agt.... "

STORE KEEPERS.

G. Brown.....Stellarton, N. S
G. Connors.....Campbellton, N. B
R. P. Daigleish.....Bridgewater, N. S
F. R. Dunbar.....South Devon, N. B
G. E. Hennesey.....Edmundston, N. B
F. C. Lutz.....Sydney, N. S
R. MacDonald...Charlottetown, P. E. I
A. S. McLellan.....Truro, N. S
E. R. McPherson.....Moncton, N. B
J. V. Morin.....Riviere du Loup, Que
W. B. Scott.....Halifax, N. B
K. C. Storey.....St. John, N. B

MECHANICAL.

W. E. Barnes, Supt. M. P. Moncton, N. B

MASTER MECHANICS.

A. Devine.....Edmundston, N. B
T. W. Hennessy.....Halifax, N. S
W. N. Ingram.....New Glasgow, N. S
J. F. Leightizer..Charlottetown, P. E. I
H. D. Mackenzie.....Campbellton, N. B
T. W. McBeath .....Moncton, N. B
F. H. Moore..... "
J. Graham, Works Mgr .... } Moncton,
T. H. Carroll, Supvr. Wk. Equip ..... } N. B.
C. Steeves, Gen. Boil. Insp.... "
L. Kennedy, Boil. Insp..... "
W. C. Hunter, Insp. Air Brks. & Car Heat. Equip..... "
R. N. Black, Air Brk. Instr... "
G. F. Knight, Shop Practice Eng ..... "
J. A. Miller, Gen. Rnd. Hse. For..Charlottetown, P. E. I

ROUND HOUSE FOREMEN.

J. Blair .....Stellarton, N. S
C. L. Bourgeois.....Edmundston, N. B
J. G. A. Brignell.....Bridgewater, N. S
L. Campbell.....Pictou, N. S
P. Carlisle.....Moncton, N. B
J. M. Cummings.....St. John, N. B
H. B. Dryden.....Campbellton, N. B
W. H. Duxbury.....Halifax, N. S
H. B. Fowler.....South Devon, N. B
J. A. Fraser .....St. John, N. B
J. A. Gratton.....Mulgrave, N. S
J. A. Johnston .....Sydney, N. S
R. J. Kelly.....Napadogan, N. B
J. M. Kennedy.....Truro, N. S
C. Larrivee.....Mont Joli, Que
J. A. Legere.....Newcastle, N. B
W. Philpot.....Point Tupper, N. S
V. Saindon .....Riviere du Loup, Que
F. O. Steeves.....Moncton, N. B

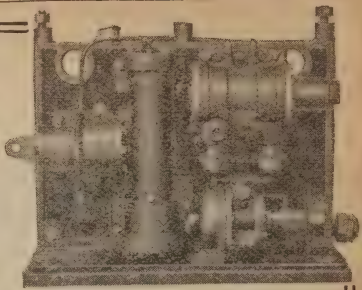
CAR DEPARTMENT.

ATLANTIC REGION.

G. E. McCoy, Supt. Car Equipment.....Moncton, N. B
D. Macdonald, Asst. Supt. Car Shops..... "
W. T. Madden, District Car Foreman..... "
W. H. Pirie, Gen. Car Foreman .....Halifax, N. S

SAFETY LIGHTING FIXTURES The Safety C. H. & L. Co. 2 Rector St., New York.

Automatic Cut-Off Control



This device accurately adjusts the cut-off to the constant changes in train resistance caused by curvature, gradient, wind, weather, etc. Relieves the engineer of a constant duty to which he has never been able to do justice because of numerous other duties demanding his attention.

TRANSPORTATION DEVICES CORPORATION

CONTINENTAL BANK BLDG. INDIANAPOLIS, INDIANA

MAGNUS METAL

MEETS ALL HIGH-GRADE REQUIREMENTS

IT IS THE STANDARD METAL FOR LOCOMOTIVE WEARING PARTS

JOURNAL BEARINGS OR { FAST PASSENGER CAR SERVICE / HEAVY FREIGHT CAR SERVICE

MAGNUS COMPANY INCORPORATED

111 Broadway, NEW YORK.

W. H. CROFT, 1st Vice-Pres. M. S. PAINE, Sec.-Treas.

CANADIAN NATIONAL RYS.—Continued.

137a—Atlantic Region—Continued.

CAR FOREMEN.

J. B. Bourque ..... Edmundston, N.B
T. M. Brewer ..... South Devon, N.B
L. Butler ..... Napadogan, N.B
R. Butler ..... Campbellton, N.B
M. Campbell ..... Point Tupper, N.S
J. Deagle ..... Inverness, N.S
J. R. Foster ..... St. John, N.B
D. S. Gillis ..... Stellarton, N.S
C. F. Hartlen ..... Halifax, N.S
W. C. Hirtle ..... Bridgewater, N.S
G. M. Hughson ..... St. John, N.B
W. J. Keating ..... Newcastle, N.B
C. J. Legere ..... Moncton, N.B
R. H. Lloy ..... Halifax, N.S
J. McKinnon ..... Mulgrave, N.S
M. McNeil ..... Sydney, N.S
E. Meagher ..... Halifax, N.S
J. Rouleau ..... Mont Joli, Que
O. St. George ..... Riviere du Loup, Que
J. Wynn ..... Truro, N.S

ENGINEERING, BRIDGES & ROADWAY

A. F. Stewart, Ch. Eng. .. Moncton, N.B
F. O. Condon, Eng. M. W. ..... "
H. J. Crudge, Bldg. Eng.. ..... "
C.S.G. Rogers, Brdg. Eng. ..... "
J. S. O'Dwyer, R.W. Eng. ..... "
F. B. Fripp, Harbor Eng.. ..... "
E. G. Evans, Dist. Eng... ..... "

DIVISION ENGINEERS.

R. A. Black ..... Halifax, N.S
T. L. Landers ..... Edmundston, N.B
G. W. H. Perley ..... New Glasgow, N.S
L. H. Robinson ..... Campbellton, N.B
A. Scott ..... Charlottetown, P.E.I
G. C. Torrens ..... Moncton, N.B

BRIDGE AND BUILDING MASTERS.

N. H. Langley ..... New Glasgow N.S
J. H. McClure ..... Moncton, N.B
H. A. McElhinney ..... Halifax, N.S
E. Savage ..... Campbellton, N.B
W. H. Townsend .. Charlottetown, P.E.I
H. A. Ward ..... Moncton, N.B
C. L. Wortman ..... Edmundston, N.B

ROAD MASTERS.

S. Allanach ..... Campbellton, N.B
C. W. Archibald ..... Halifax, N.S
A. Astle ..... New Castle, N.B
J. J. Bethune .... Charlottetown, P.E.I
C. E. Boone ..... South Devon, N.B
K. Branch ..... Campbellton, N.B
J. Bury ..... Napadogan, N.B
L. Chouinard ... ... Edmundston, N.B
H. Cote ..... Riviere du Loup, Que
G. Gallant ..... Campbellton, N.B
H. I. Gray ..... New Glasgow, N.S
C. C. Johnson ..... Moncton, N.B
C. B. Langille ..... Pictou, N.S
C. O. Lohnes ..... Bridgewater, N.S
M. McKay ..... Charlottetown, P.E.I
M. McKinnon ..... Sydney, N.S
T. McPherson ..... Moncton, N.B
A. J. Palmer ..... "
F. Pippey ..... Bridgewater, N.S
J. Underhill ..... South Devon, N.B
G. L. Dickson, Sig. & Elec. Eng ..... Moncton, N.B
A. M. Harvey, Sig. Supvr.. ..... "
C. A. MacLaren, Elec. Supvr. ..... "
C. A. Norton, Supvr. Fire Protect ..... "

137b—Central Region.

7,663 Mls (mileage also included in C.N. Rys., No. 137.)

Comprising all lines and facilities between Riviere du Loup and Monk, Que., on the east, and Detroit and Port Huron, Mich., Current and Armstrong, Ont., on the west (including Monk, Que. Terminal: line to Portland, Me.)

OPERATING.

A. E. Warren, Gen. Mgr..... } Toronto,
C. F. Needham, Asst. to Gen. } Ont.
Mgr ..... "
C. R. Moore, Gen. Supt. Trans. "
J. F. Pringle, Asst. Gen. Supt. Trans ..... "
C. H. Nicholson, Mgr. S. S. & Car Ferries ..... "
H. A. Palmer., Reg. R. W. Agt. "
G. P. Clarke, Supt. Car Serv... "

GENERAL SUPERINTENDENTS.

F. L. C. Bond ..... Montreal, Que
W. R. Devenish ..... North Bay, Ont
R. H. Fish ..... Toronto, Ont
R. Gilmour (Asst.) ..... Montreal, Que
J. E. Morazain ..... Quebec, Que

SUPERINTENDENTS.

R. Colclough ..... Quebec, Que
J. J. Connelly ..... Montreal, Que
E. L. Desjardins ..... Levis, Que
G. R. Edgley ..... Montreal, Que
C. Forrester ..... London, Ont
G. N. Goad ..... Capreol, Ont
W. R. Kelly ..... Ottawa, Ont
H. W. Matthews ..... St. Thomas, Ont
J. D. McMillan ..... Belleville, Ont
A. B. McNaughton ..... Richmond, Que
J. J. Napier ..... Hornepayne, Ont
W. J. Piggott ..... Stratford, Ont
W. B. Way ..... Cochrane, Ont
W. E. Weegar ..... Allandale, Ont

ASSISTANT SUPERINTENDENTS.

L. W. Buller ..... Toronto, Ont
A. H. Cavanagh ..... Capreol, Ont
G. Cooper ..... Island Pond, Vt
P. E. Damers ..... Farnham, Que
J. H. Duff ..... Coteau, Que
O. Duff ..... St. Thomas, Ont
P. H. Fox ..... Ottawa, Ont
S. J. Faught ..... Hornepayne, Ont
H. M. Gain ..... Richmond, Que
F. E. Hartshorn ..... Montreal, Que
G. A. Hoag ..... Trenton, Ont
W. J. Little ..... Allendale, Ont
O. Masse ..... Montreal, Que
W. J. Mathison ..... Hamilton, O
J. S. McAdam ..... Montreal, Que
N. P. North ..... Belleville, Ont
R. E. Orr ..... Lindsay, Ont
J. H. Packenham ..... Parent, Que
G. Pelletier ..... Levis, Que
A. F. Sharpe ..... London, Ont
J. A. Trudel ..... Quebec, Que
W. White ..... Palmerston, Ont
T. J. Wrennick ..... Stratford, Ont

RACOR

HEAVY DUTY HEAT TREATED
GUARD RAIL CLAMPS

DROP FORGED RAIL BRACES
ADJUSTABLE RAIL BRACES

DOUBLE SHOULDER ROLLED SWITCH PLATES
MANGANESE REINFORCED SWITCH POINTS

RAMAPO AUTOMATIC SAFETY SWITCH STANDS

AJAX MANGANESE ONE-PIECE GUARD RAILS

SWITCHES FROGS CROSSINGS

SPECIAL RAILWAY TRACK WORK IN
OPEN HEARTH STEEL,
CAST MANGANESE AND
ROLLED MANGANESE RAIL CONSTRUCTION

RAMAPO AJAX CORPORATION

HILLBURN, NEW YORK

WORKS
Ramapo—Ajax—Elliot

HILLBURN, NEW YORK
NIAGARA FALLS, NEW YORK
CHICAGO, ILLINOIS
EAST ST. LOUIS, ILLINOIS
PUEBLO, COLORADO
SUPERIOR, WISCONSIN
NIAGARA FALLS, CANADA

SALES OFFICES
AT ALL WORKS ALSO

30 CHURCH STREET,
NEW YORK

McCORMICK BUILDING,
CHICAGO

RAILWAY EXCHANGE BUILDING,
ST. LOUIS, MISSOURI

RACOR
TRADE MARK
REGISTERED

CANADIAN NATIONAL RYS.—Continued.

137b—Central Region *—Continued.*

SUPERINTENDENTS OF TRANSPORTATION.

F. A. Rutherford.....Montreal, Que
J. J. Sunderland.....Quebec, Que
W. S. Wilson.....Toronto, Ont

SUPERINTENDENTS OF TERMINALS.

W. J. Atkinson.....Quebec, Que
R. C. Johnston.....Montreal, Que
C. J. McKeough.....Black Rock, N.Y
G. A. Stokes.....Toronto, Ont
H. C. White.....Port Huron, Mich

SUPT. SL., D. & PARLOR CARS & RY. REST.

J. Grieve.....Toronto, Ont
Y. Moody (Act.)..... "
C. H. Worby.....Montreal, Que

Dr. J. P. Mitchell, Asst. Ch. Med. Officer..... ....Toronto, Ont
F. J. Buller, Treas..... "
S. J. Potter, Asst. Treas.... "

LEGAL.

A. J. Reid, K. C., Reg. Coun. } Toronto,
J. P. Pratt, Asst. Reg. Coun.. } Ont.
T. W. R. McRae, Ch. Clm. Agt .....Montreal, Que
D. F. McCraw, Asst. Ch. Clm Agt.....Toronto, Ont

ACCOUNTING.

J. B. McLaren, Compt..... } Toronto,
J. F. Aitchison, Asst. Compt } Ont.
R. S. Gosset, Aud. Disb..... "
T. H. Ewing, Aud. Cap. Expend. "
W. C. Roberts, Aud. Pay Rolls.. "
F. G. Motton, Aud. Joint Fac.. "
H. McDonald, Frt. Clm. Agt.... "

TRAFFIC.

F. J. Watson, Frt. Traf. Mgr.....Montreal, Que
L. Macdonald, Asst. Frt. Traf. Mgr.....Toronto, Ont
N. W. Hawkes, New Eng. Traf. Mgr.....Boston, Mass
R. W. Long, G. F. A.....Montreal, Que
W. P. Fitzsimons, G. F. A..Buffalo, N.Y
P. Mooney, Asst. G. F. A...Quebec, Que
R. E. Perry, Mgr. Rate & Tar. Bur..... Montreal, Que
C. W. Wells, Asst. Mgr. Rate & Tar. Bur..... "
W. K. Evans Mgr. Div. Bur. "

GENERAL PASSENGER AGENTS.

H. C. Bourlier.....Toronto, Ont
E. C. Elliott.....Montreal, Que
C. E. Horning (Asst.).....Toronto, Ont

FOREIGN FREIGHT AGENTS.

R. J. Foreman.....Montreal, Que
F. R. Porter.....Toronto, Ont
J. A. Wright (Asst.).....Montreal, Que
H. C. Meacham, Import Agt.....Montreal, Que

INDUSTRIAL DEPARTMENT.

W. Phillips, Mgr.....Montreal, Que
S. J. Raymond, Comr. Ind..Toronto, Ont
S. G. Tiffin, Comr. Ind....Montreal, Que

PURCHASING AND STORES.

¶ J. W. Corbett, Pur. Agt...Toronto, Ont
C. E. Jones, Fuel Agt..... "
A. R. Thompson, Tie Agt.. "

GENERAL STORE KEEPERS.

W. B. Gordon (Asst.).....Toronto, Ont
E. D. Toye..... "

DISTRICT STORE KEEPERS.

H. B. Akin.....Pt. St Charles, Que
J. H. Brown.....St. Malo, Que
J. B. Livingstone.....London, Ont
E. A. Snell.....Leaside, Ont
M. W. Stevens.....Portland, Me

STORE KEEPERS.

C. E. Belanger.....St. Malo, Que
E. H. Brown.....Joliette, Que
W. H. Chubb.....Ottawa, Ont
J. B. Fraser.....Leaside, Ont
R. A. Gosselin.....Parent, Que
W. Huddleston.....Nakina, Ont
E. W. Hugill.....Limoilou, Que
H. D. MacLachlan..St. Catharines, Ont
J. Maxwell.....Trenton, Ont
W. Morrison.....Capreol, Ont
W. S. Powers.....Cochrane, Ont
V. M. Stratton .....Parry Sound, Ont
F. J. Sunderland...Longue Pointe, Que
J. C. Sylvain.....Hornepayne, Ont
W. P. Thomas.....Lazard, Que
E. L. Vaundry.....West Junction, Que

MECHANICAL.

J. C. Garden, Gen. Supt. M.P. } Toronto,
& Car Equip .... } Ont.
T. C. Hudson, Asst. Gen. Supt. M. P..... "
T. M. Hyman, Asst. Gen. Supt. Car Equip..... "
J. H. McAlpine, Supt. M. P. & Car Equip..... "

SUPERINTENDENTS MOTIVE POWER.

E. R. Battley.....Montreal, Que
D. J. McQuaig.....Toronto, Ont
H. Sharp.....Quebec, Que
R. J. Needham, Mech. & Elec. Eng.....Toronto, Ont

MASTER MECHANICS.

F. F. Carey.....Levis, Que
J. Hawkins.....Hornepayne, Ont
J. M. Kerr.....Quebec, Que
T. S. Lowe.....Montreal, Que
W. C. Moore.....Ottawa, Ont
W. H. Roach.....Cochrane, Ont
W. G. Strachan .....Capreol, Ont

ROAD FOREMEN OF ENGINES.

A. N. Boyd.....Turcot, Que
W. Culross.....Allandale, Ont
E. P. East.....Stratford, Ont
W. J. Fee.....Lindsay, Ont
N. M. Kerr.....Belleville, Ont
W. Kirkwood .....London, Ont
J. McMurty.....Hamilton, Ont
R. A. Phair.....Turcot, Que
W. Sharpe.....Mimico, Ont
W. A. Stott.....Island Pond, Vt

LOCOMOTIVE FOREMEN.

A. W. Atkins.....Capreol, Ont
T. A. Bain.....Longue Pointe, Que
A. Beardshaw.....Turcot, Que
A. Begon.....Lazard, Que
S. G. Broadhurst.....Joliette, Que
G. Canfield .....Foleyet, Ont
J. Carpenter.....Doucet, Que
R. J. Cottrell.....St. Thomas, Ont

The Adams & Westlake Company

CHICAGO NEW YORK

"ADLAKE"

Car Trimmings

Coach Lamps

Electric Fixtures

Signal Lamps (Oil and Electric)

Cast Engine Lamps

Cast Signal Lamps with Corning-Lebby Mirrors

Lanterns (Oil and Electric)

Headlights

Glassware, Burners and Wicks

Bulletins Covering These Articles Sent Upon Request

The Adams & Westlake Company
319 West Ontario Street
Chicago, Illinois

CANADIAN NATIONAL RYS.—Continued.

137b—Central Region—Continued.

LOCOMOTIVE FOREMEN—CONTINUED.

J. B. Cox.....Fort Erie, Ont
W. S. Davis.....Danforth, Ont
J. T. Dewsberry.....Niagara Falls, Ont
T. Dickinson.....Hearst, Ont
J. E. Ellis.....Hamilton, Ont
J. Gillies.....Jellicoe, Ont
J. Hall.....Armstrong, Ont
W. Hamilton.....Brockville, Ont
W. A. Hope.....Hornepayne, Ont
E. F. Houston.....Cochrane, Ont
R. A. Innesse (Asst.).....Stratford, Ont
A. H. Jones.....Richmond, Que
J. Lowe (Asst.).....Joliette, Que
H. Lowthin.....Fitzpatrick, Que
J. R. Marcoux.....Joffre, Ont
C. F. Maw.....Island Pond, Vt
L. J. McLaughlin....Depot Harbor, Ont
A. H. Munroe.....Nakina, Ont
H. E. Nolan.....Parry Sound, Ont
L. Nowell.....Parent, Que
J. W. O'Neil.....Stratford, Ont
F. X. Ouellet.....Monk, Que
J. D. Rhynd.....Windsor, Ont
W. W. Riddell.....Mimico, Ont
D. Ross.....Madawaska, Ont
J. A. Rousseau.....Ste. Rosalie, Que
H. Rupert.....Bancroft, Ont
C. A. Saylor.....Sarnia, Ont
J. D. Scott.....Trenton, Ont
C. Simard.....La Malbaie, Que
J. Simard.....Lake Edward, Que
J. Simard.....Chicoutimi, Que
D. E. Smith.....Coteau, Que
H. Thompson.....Brent, Ont
W. G. Verner.....O'Brien, Ont
J. A. Walton.....Palmerston, Ont
G. F. Ward.....Lindsay, Ont
G. Wills.....Limoilou, Que

SUPERINTENDENTS SHOPS.

O. Grant.....Leaside, Ont
A. McDonald.....Montreal, Que
A. C. Melanson.....St. Malo, Que
G. M. Wilson.....Stratford, Ont

W. D. Hall, Supt. Power Plant & Elec. Equip. Port Huron, Mich
D. C. Messeroll, Supt. Car Shops.....London, Ont
C. F. Weaver, Supt. Car Shops.....Montreal, Que
W. H. Towner, Rnd. Hse. Insp.....
G. McIntosh, Rnd. Hse. Insp.....Toronto, Ont
M. V. Milton, Ch. Boil. Insp. "
J. Berry, Boil. Insp.....Mimico, Ont
W. Jones, Boil. Insp....North Bay, Ont
G. F. Lyon, Boil. Insp.. ...London, Ont
W. R. Walker, Boil. Insp. Toronto, Ont
C. P. Price, Elec. Supt...Montreal, Que
G. Fisher, Supt. Car Equip. London, Ont
A. B. Mitchell, Supt. Car Equip.....Montreal, Que
W. H. Long, Dist. Car For. Toronto, Ont
E. G. Theobold, Dist. Car For. Quebec, Que
J. McWood, Gen. Car For.. Ottawa, Ont
J. Walsh, Gen. Car For. ..Toronto, Ont

CAR FOREMEN.

J. J. Alexander.....Lazard, Que
T. Bragg.....Portland, Me
J. H. Campbell.....Niagara Falls, Ont
T. Cheeseman.....Cornwall, Ont
J. Clemmens.....Allandale, Ont
J. J. Crosby.....Hawkesbury, Ont
H. Cross.....Hornepayne, Ont
W. Dadswell.....Trenton, Ont
F. Fairman.....Longue Pointe, Que
J. Farley.....St. Thomas, Ont
J. A. Fickel.....Fort Erie, Ont
W. A. Forbes.....Belleville, Ont
H. Fournier.....Ste. Rosalie, Que
J. O. Freve.....Joffre, Ont
J. Gravelle.....Goderich, Ont
F. Griffin.....Quebec, Que
J. A. Hayes.....Armstrong, Ont
J. H. Hosking.....Palmerston, Ont
J. A. Hueston.....Brockville, Ont
H. W. Hughes.....Limoilou, Que
H. J. Kelly.....Nakina, Ont
W. Lanspeary.....Windsor, Ont
J. G. Leblanc.....Monk, Que
H. Lebreux.....Levis, Que
A. McNamara.....Fitzpatrick, Que
A. Metcalfe.....Capreol, Ont
J. O. Montreuil (Act.).....Turcot, Que
H. J. Moss.....Hearst, Ont
A. Oldfield.....Montreal, Que
A. O'Malley.....Cochrane, Ont
S. O'Malley.....Doucet, Que
L. Page.....Joliette, Que
J. Palaisy.....Coteau, Que
H. A. Palmer.....Rouses Point, N. Y
C. A. Petrie.....Island Pond, Vt
J. Rayner.....Hamilton, Ont
S. Robertson.....North Bay, Ont
N. E. Ross.....St. Henri, Que
W. H. Sherman.....Sarnia, Ont
H. Stock.....Sudbury, Ont
C. Teale.....London, Ont
B. J. Theobald.....Parent, Que
A. Tremblay.....La Malbaie, Que
L. P. Trottier.....O'Brien, Que
F. Villeneuve.....Parry Sound, Ont
A. Walker.....Richmond, Que
A. Williams.....Lindsay, Ont
L. A. Whalen....Massena Springs, N. Y

ENGINEERING, BRIDGES & ROADWAY

T. T. Irving, Ch. Eng.....Toronto, Ont
G. C. Dunn, Asst. to Ch. Eng. "
G. Grant, Prin. Asst. Eng.. "
E. G. Hewson, Eng. M. W.. "
J. R. McKenzie, Asst. Eng. M. W..... "
H. T. Morrison, Locat. Eng. "
C. P. Disney, Brdg. Eng.... "
R. A. Baldwin, Eng. Const. "
B. Wheelwright, Spec. Eng. "
W. H. Arms, Ch. Draft... "
H. B. Stuart, Valua. Eng.. "
G. A. Kell, Safety Eng..... "
R. Rigby, Supt. Bldgs..... "
G. O'Connell, Supt. Wk. Equip..... "
W. H. Secord, Asst. Supt. Wk. Equip..... "

ELESCO SUPERHEATERS FEED WATER HEATERS THE SUPERHEATER COMPANY NEW YORK CHICAGO

Anglo-American Varnish Co.

NEWARK, N. J.

DIAMOND

RAILWAY COACH VARNISHES

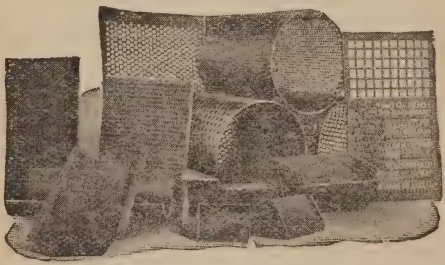
Sold By

NATIONAL RY. APPLIANCE CO., Grand Central Terminal NEW YORK

HEGEMAN-CASTLE CORP., Railway Exchange Bldg. CHICAGO, ILL.

HENDRICK SCREENS

for every purpose



ELEVATOR BUCKETS (plain and perforated) STACKS AND TANKS

LIGHT AND HEAVY STEEL PLATE CONSTRUCTION

HENDRICK MFG. CO. - CARBONDALE, PENNA.

New York Office, 30 Church St. Pittsburgh Office, 954 Union Trust Bldg.

Hazleton, Penna., Office, 705 Markle Bank Bldg.

CANADIAN NATIONAL RYS.—Continued.

***137b-Central Region** Continued.*

DISTRICT ENGINEERS.

L. Brosseau.....Quebec, Que
C. H. N. Connell.....Toronto, Ont
J. R. MacKenzie..... "
W. Walker.....Montreal, Que

DIVISION ENGINEERS.

L. C. Dupuis.....Levis, Que
H. W. Fleming.....Hornepayne, Ont
G. H. Frith.....Montreal, Que
R. B. Jennings..... "
S. McIlwain.....Ottawa, Ont
J. P. Menard.....Quebec, Que
J. J. Richardson.....Cochrane, Ont
A. H. Willett.....Capreol, Ont

ASSISTANT ENGINEERS.

W. H. B. Bevan.....Toronto, Ont
A. D. W. Cuthbert.....Montreal, Que
T. J. King.....Quebec, Que
C. S. Ogilvie.....Montreal, Que
A. C. Oxley..... "
W. A. Seigner.....Toronto, Ont
H. E. Smith.....Montreal, Que
L. J. Stone.....Toronto, Ont
J. Walker.....Allandale, Ont
S. J. Waller.....Quebec, Que

BRIDGE AND BUILDING MASTERS.

W. R. Boon.....Montreal, Que
W. Cayley.....Stratford, Ont
T. Crosbie.....Allendale, Ont
P. Doyle.....Montreal, Que
W. Graham.....Brantford, Ont
F. X. Halle.....Levis, Que
O. Kerr.....Ottawa, Ont
G. C. McCue.....Hamilton, Ont
P. McGuinty.....Hornepayne, Ont
F. McKay.....Capreol, Ont
E. C. Neville.....Toronto, Ont
P. J. Phelan.....Montreal, Que
E. S. Piton.....Cochrane, Ont
J. Riddoch.....Quebec, Que
W. Tichbourne.....London, Ont
H. Toms.....Richmond, Que
W. H. Tool.....St. Thomas, Ont
W. J. Tyers.....Belleville, Ont

SUPERINTENDENTS BRIDGES & BUILDINGS.

J. H. Johnson.....Toronto, Ont
H. C. Swartz.....Montreal, Que

C. R. Turner, Bldg. Supvr. Quebec, Que
H. Ferguson, Supt. Trk...Toronto, Ont
D. McColl, Supt. Trk....Montreal, Que
W. Wharry, Gen. Rd. Mast.....St. Thomas, Ont

ROAD MASTERS.

G. H. Allen.....London, Ont
C. A. Baker.....Palmerston, Que
A. Beausoliel.....Peterboro, Ont
W. Libby.....Cornwall, Ont
P. Bohen.....Jellicoe, Ont
F. Bonany.....Hamilton, Ont
E. Brazeau.....Richmond, Que
T. Brown.....Brent, Ont
H. B. Cassidy.....Quebec, Que
J. R. Cassidy.....Ottawa, Ont

ROAD MASTERS—CONTINUED.

P. Colombo.....Brantford, Ont
W. Fitzgibbons.....Doucet, Que
P. Flannery.....Montreal, Que
J. J. Foley.....Portland, Me
N. Galbraith.....Gravenhurst, Ont
F. Griffin.....Brockville, Ont
A. Grills.....Hamilton, Ont
M. Haggerty.....Ottawa, Ont
B. C. Haskins.....Quebec, Que
E. Haystead.....Capreol, Ont
H. Heels.....Allendale, Ont
P. C. Heels.....Stratford, Ont
R. Heels.....Lindsay, Ont
H. M. Hobson.....Gorham, N. H
J. L. Hubert.....Farnham, Que
H. Jacklin.....Jellicoe, Ont
W. M. Jacklin.....Toronto, Ont
H. Laboursadiere.....Montreal, Que
P. Lavery.....Levis, Que
A. Malo.....Hearst, Ont
J. McCarthy.....Levis, Que
J. McMahon.....Depot Harbor, Ont
H. McPhail.....Allendale, Ont
A. Moody.....St. Thomas, Ont
J. P. H. Moore.....Parent, Ont
C. H. Muma.....Stratford, Ont
R. J. Munroe.....Montreal, Que
W. B. Murray.....La Tuque, Que
E. Myers.....Trenton, Ont
H. J. O'Connell.....Richmond, Que
J. E. Peterson.....Nakina, Ont
W. Pulford.....Guelph Jct., Ont
G. Rosebush.....Trenton, Ont
J. Sampson.....Palmerston, Ont
F. Serviss.....Coteau, Que
M. J. Sheridan.....Cochrane, Ont
C. A. Sicotte.....Drummondville, Que
A. A. Snyder.....St. Lambert, Que
F. Sosnowsky.....Toronto, Ont
W. E. Trites.....Capreol, Ont
P. Vicks.....Hornepayne, Ont
G. S. Warner.....Capreol, Ont
H. L. Wilkinson.....London, Ont
T. Yerrow.....Belleville, Ont

SUPERVISORS WATER SERVICE.

M. R. Blake.....Montreal, Que
C. Brigg.....London, Ont
E. Catcher.....Belleville, Ont
J. C. Gokey.....Richmond, Que
T. E. Little.....Montreal, Que

C. H. Tillett, Sig. Eng.....Toronto, Ont
H. L. Black, Supt. Sig..... "
J. J. Ginty, Supt. Sig.....Montreal, Que

SUPERVISORS SIGNALS.

A. Caron.....Richmond, Que
H. Drew.....Ottawa, Ont
H. E. Fishburn.....London, Ont
G. Gibson.....Toronto, Ont
L. J. Hanson.....Montreal, Que
J. L. Kenny..... "
J. J. Killingsworth.....Stratford, Ont
E. H. Lewis.....Quebec, Que
W. Steels.....St. Thomas, Ont
G. Taylor.....Belleville, Ont

Steel Back **Brake Shoes** THE RAILWAY MATERIALS CO. New York • Chicago

SPECIFY

ALBRIGHT RUBBERSET

TRADE MARK

PAINT and VARNISH BRUSHES

THE STANDARD HIGH GRADE MASTER PAINTERS BRUSHES.

The original and only brushes made by the

RUBBERSET PROCESS

They cost no more than the imitations and they give far greater service.

Catalog and prices upon request.

Rubberset Company
R. & C. P. Co., Props.
Newark, N. J.

CANADIAN NATIONAL RYS.—Continued.

137c—Western Region.

10,654 Mls.(mileage also included in C. N. Rys. No. 137)

Comprising all lines and facilities west of Current and Armstrong, Ont. (including Duluth, Winnipeg and Pacific Ry.)

OPERATING.

W. A. Kingsland, Gen. Mgr. } Winnipeg,
A. A. Tisdale, Asst. to Gen. Mgr. } Man.
J. R. Cameron, Asst. Gen. Mgr. ..... Vancouver, B.C

GENERAL SUPERINTENDENTS.

W. A. Brown ..... Edmonton, Alta
B. T. Chappell ..... Saskatoon, Sask
N. B. Walton ..... Winnipeg, Man

SUPERINTENDENTS.

E. Crawford ..... Regina, Sask
G. A. Cunliffe ..... Brandon, Man
J. Irwin ..... Prince Albert, Sask
J. P. Johnson ..... Dauphin, Man
R. King ..... Calgary, Alta
A. E. Macdonald ..... Edson, Alta
I. A. Macpherson ..... Saskatoon, Sask
W. I. Monroe ..... Fort Rouge, Man
W. T. Moodie ..... Port Arthur, Ont
M. B. Murphy ..... Winnipeg, Man
J. E. Nelson ..... Edmonton, Alta
W. C. Owens ..... Kamloops Jct., B. C
R. S. Richardson ..... Fort William, Ont
J. Y. Rochester (Marine). Vancouver, B. C
D. W. Steeper ..... Melville, Sask
W. H. Tobey ..... Prince Rupert, B. C

ASSISTANT SUPERINTENDENTS.

I. L. Boomer ..... Rainey River, Ont
C. H. Brown ..... Edmonton, Alta
R. M. Brown ..... Regina, Sask
E. W. Cameron ..... Neepawa, Man
J. L. Cameron ..... Edmonton, Alta
J. Clark ..... Mirror, Alta
C. S. Cooke ..... Dauphin, Man
J. W. Crane ..... Saskatoon, Sask
C. D. Glass ..... Sioux Lookout, Ont
J. D. Healy ..... Hanna, Alta
H. G. Hubbell ..... Fort Rouge, Man
F. G. Jackson ..... Smithers, B. C
J. P. Kirkpatrick ..... Kamloops Jct., B. C
G. H. Linney ..... North Battleford, Sask
S. McElroy ..... Port Arthur, Ont
C. D. Mutchler ..... Melville, Sask
F. J. Myers ..... Brandon, Man
L. G. Poucher ..... Portage, Man
O. J. Rowe ..... Biggar, Sask
S. Smith ..... Edson, Alta

A. Wilcox, Gen. Supt. Trans. ..... Winnipeg, Man

SUPERINTENDENTS OF TRANSPORTATION.

M. Helston ..... Winnipeg, Man
W. A. Kirkpatrick ..... Saskatoon, Sask
L. F. Muncey ..... Vancouver, B. C
M. D. Thompson ..... Edmonton, Alta

T. P. White, Supt. C. S. ..... } Winnipeg,
J. Gorman, Supt. Sl., Din. & Par. Cars & Ry. Rest. ..... } Man.
R. H. Graham, Commy Buyer. "
J. W. Kimball, Supt. Boarding Car ..... "

Dr. J. M. Leney, Asst. Chief Med. Officer ..... } Winnipeg, Man.
E. Broderick, R. W. Agt. ..... "

W. LeB. Ross, Treas. ..... Winnipeg, Man
P. J. Farley, Asst. Treas. "

LEGAL.

R. H. M. Temple, Reg. Coun. & Gen. Clm. Agt. . Winnipeg, Man
R. W. Hannington, Asst. Reg. Coun. ..... Vancouver, B. C

ACCOUNTING.

A. C. Egan, Comp. ..... } Winnipeg,
T. J. Gracey, Asst. Compt. .. } Man.
F. S. Rose, Aud. Disb. ..... "
C. M. Brown, Aud. Stores & Mech. Accts ..... "
W. C. Blake, Aud. Payroll. "
P. W. Baldwin, Local Aud. ..... Vancouver, B. C
J. Sobotta, Local Aud. ..... Duluth, Minn
A. C. Gilmour, Frt. Clm. Agt. ..... Winnipeg, Man

ASSISTANT FREIGHT CLAIM AGENTS.

J. W. Connell ..... Winnipeg, Man
T. Ginnelly ..... Vancouver, B. C

TRAFFIC.

W. G. Manders, Frt. Traf. Mgr. ..... Winnipeg, Man
J. M. Horn, G. F. A. ..... Vancouver, B. C
A. E. Rosevear, G. F. A. .. Winnipeg, Man

ASSISTANT GENERAL FREIGHT AGENT.

F. G. Adams ..... Winnipeg, Man
W. Hately ..... "
J. M. Macrae ..... "
J. R. Scott ..... Vancouver, B. C
R. Creelman, Pass. Traf. Mgr. ..... Winnipeg, Man
S. O. Scott, G. P. A. ..... "
G. A. McNicholl, G. P. A. . Vancouver, B. C
H. M. Spence, G. B. A. .. Winnipeg, Man
L. McCutcheon, Forn. Frt. Agt. ..... Vancouver, B. C

PURCHASING AND STORES

¶ C. C. Labrie, Pur. Agt. . Vancouver, B. C
¶ F. W. Tisdale, Pur. Agt. ..... } Winnipeg,
W. J. Sturges, Fuel Agt. ..... } Man.
J. A. Sutton, Asst. Fuel Agt. "
J. B. Parkin, Tie Agt. ..... "
A. E. Cox, Gen. Str. Kpr. ..... "
D. Robertson, Asst. Gen. Str. Kpr. ..... "

DISTRICT STORE KEEPERS.

C. S. Argyle ..... Transcona, Man
Z. Bourbonniere ..... Duluth, Minn
S. E. Keillor ..... Edmonton, Alta
J. H. Morgan ..... Port Mann, B. C
S. Sneddon ..... Winnipeg, Man

STORE KEEPERS.

C. R. Abbott ..... Hanna, Alta
G. Bardwell ..... Atikokan, Ont
C. E. Bass ..... Neebing, Ont
T. P. Betts ..... Humboldt, Sask
G. A. Bock ..... Watrous, Sask
A. G. Campbell ..... Prince George, B. C
W. H. Cook ..... Redditt, Ont
W. J. Fidler ..... Prince Rupert, B. C
J. Fraser ..... Edmonton, Alta
G. Goble ..... Neepawa, Man
V. Gould ..... Biggar, Sask

Wine Self Centering Roller Side Bearings

WILL { Increase TONNAGE by reducing Train Resistance
Increase WHEEL Mileage.

The Wine Railway Appliance Co.

TOLEDO, O., U. S. A.

Casey Jones

REG. U.S. PAT. OFF.

RAILWAY MOTOR CARS

AND

EQUIPMENT

NORTHWESTERN MOTOR CO.

MANUFACTURERS

EAU CLAIRE, WISCONSIN, U. S. A.

CANADIAN NATIONAL RYS—Continued.

***137c—Western Region** Continued.*

STORE KEEPERS—CONTINUED.

G. T. Holdway.....McBride, B. C
S. C. Hyslop.....Mirror, Alta
J. Kelt.....Kindersley, Sask
H. E. Lawrence.....Port Arthur, Ont
W. G. Long.....Wainwright, Alta
K. Mackenzie.....Regina, Sask
E. B. Martin.....Drumheller, Alta
C. Mavor.....Radville, Sask
E. C. Maxwell.....Smithers, B. C
F. W. May.....Kamloops, B. C
G. J. McQuaid.....Edson, Alta
E. W. Myers.....Virginia, Minn
L. Notter.....Rainey River, Ont
J. G. Owens.....Prince Albert, Sask
P. F. Padberg.....Big Valley, Alta
J. N. Patriquin.....Calgary, Alta
F. Russell.....North Battleford, Sask
N. S. Shuttleworth.....Brandon, Man
R. G. Sinclair.....Rivers, Man
G. Smith.....Dauphin, Man
J. W. Walker.....Jasper, Alta
C. Watters.....Saskatoon, Sask
L. R. Wilkins.....Sioux Lookout, Ont
R. S. Wilson.....Kamsack, Sask
W. G. Wood.....Melville, Sask

MECHANICAL.

A. H. Eager, Gen. Supt. Car Equip. } Winnipeg, Man.
H. G. Reid, Asst. Gen. Supt. M. P. } "
A. McCowan, Asst. Gen. Supt. Car Equip. "
G. H. Hedge, Works Mgr. "

SUPT. MOTIVE POWER & CAR EQUIPMENT.

H. A. English.....Winnipeg, Man
J. Kyle.....Edmonton, Alta
C. J. Quantic.....Vancouver, B. C.
L. G. Roblin.....Saskatoon, Sask
F. E. Collinson, Mech. Eng.....Winnipeg, Man
J. R. Armer, Ch. Drafts. Transcona, Man

MASTER MECHANICS.

E. E. Austin.....Vancouver, B. C
J. Birse.....Transcona, Man
S. W. Bryant.....Sioux Lookout, Ont
D. W. Campbell.....Winnipeg, Man
P. Henze.....Kamsack, Sask
W. L. Loomis.....Prince Albert, Sask
A. H. Mahan.....Edson, Alta
A. Mays.....Mirror, Alta
W. G. McConachie.....Edmonton, Alta
G. D. McKee.....Calgary, Alta
J. E. Mitchell.....Melville, Sask
J. H. Shotten.....Brandon, Man
H. N. Smith.....Saskatoon, Sask
S. A. Stacey.....Winnipeg, Man
G. H. Warning.....Regina, Sask
A. Watt.....Prince George, B. C

SUPERINTENDENTS LOCOMOTIVE SHOPS.

W. O. Nugent.....Transcona, Man
L. Wedge.....Winnipeg, Man

SUPERINTENDENTS CAR SHOPS.

W. J. Amor.....Transcona, Man
J. R. Taylor.....Winnipeg, Man
F. W. Corrigan, Gen. For. Erecting Shops.....Transcona, Man
G. H. Hedges, Wks. Mgr. S. J. Lupton, Ch. Boiler Insp. } Winnipeg, Man.
R. Carswell, Boil. Insp..... "
S. C. May, Boil. Insp..... "
D. C. Scott, Boil. Insp..... "
W. J. Whillans, Supt. Work Equip..... "
G. Salmon, Headlight Insp... "
T. Clegg, Insp. Air Brks..... "
W. Crawford, Supvr. Eng. Men "
W. E. Siler, Insp. Tools & Mach. "

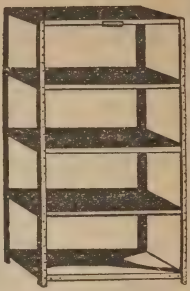
LOCOMOTIVE FOREMEN.

W. Alexander.....Fort Frances, Ont
W. M. Armstrong.....Port Mann, B. C
J. E. Biggs.....Virden, Man
J. W. Blythe....North Battleford, Sask
J. W. Burgess.....Edson, Alta
M. A. Cardell.....Kamloops, B. C
F. Clark.....Prince George, B.C
A. Clifton.....Drumheller, Alta
L. Crowder.....Hodgeville, Sask
H. Darling.....Smithers, B. C
G. A. DeGrace.....Big Valley, Alta
J. C. Dick.....Carlyle, Sask
W. H. Fletcher.....Brandon, Man
W. J. Foster.....Endako, B. C
W. Gibb.....Transcona, Man
C. Goodell.....Tichfield, Sask
G. Gordon.....Belmont, Man
H. G. Graham.....Rainy River, Ont
T. Haddick.....Winnipeg, Man
D. W. Hay.....McBride, B. C
G. H. Hedge.....Pacific, B. C
S. Hicks.....Boston Bar, B. C
H. Holloway.....Northgate, Sask
G. Johnson.....Neepawa, Man
F. T. Knight.....Port Arthur, Ont
W. I. Lamport.....Kindersley, Sask
G. H. Laycock.....Edmonton, Alta
T. Levers.....Swan River, Man
A. Mallinson.....Calgary, Alta
W. B. Marshall.....Humboldt, Sask
J. W. McAuley.....Prince Rupert, B. C
M. McClay.....Russell, Man
W. E. McKenzie....Vermilion, Alberta
G. D. McKinnon.....Graham, Ont
G. Mortimer.....Blue River, B. C
E. Moore.....Kamsack, Sask
A. Muckle.....Portage la Prairie, Man
P. H. Neville.....Rivers, Man
J. Page.....Coalspur, Alta
E. B. Patterson.....Radville, Sask
L. S. Phillips.....Prince Albert, Sask
J. Ramsay.....Reddit, Ont
M. K. Robb.....Regina, Sask
G. Robinson.....Watrous, Sask
G. A. Sadusky..... Rocky Mountain House, Alta.
W. Slack.....Hudson Bay Jct., Sask
T. Spence.....Edmonton, Alta
J. W. Spooner.....Dauphin, Man
P. J. Sproule.....Atikokan, Ont
G. R. Steeves.....Hanna, Alta
C. E. Stewart.....Edmonton, Alta
J. Stewart.....Melville, Sask
V. E. Stewart.....Neebing, Ont
J. Stockham.....Eatonia, Sask
A. Taylor.....Sioux Lookout, Ont
W. H. Turnbull.....Bigar, Sask
W. Walker.....Saskatoon, Sask

STANDARD COUPLERS
STANDARD STEEL PLATFORMS
SESSIONS-STANDARD FRICTION DRAFT GEAR
Made by
Standard Coupler Co.
110 East 42d St., N.Y.

Van Dorn

Structural Steel
Transfer Cases
Letter Files
Bell Ringers
Stairs
Steel Desks
Seat Boxes
Machine Parts
Stay Bolt Rivet Dies



STEEL SHELVING
for
SHOP – WAREHOUSE
ROUNDHOUSE
OFFICE

The Van Dorn Iron Works Co.
2685 East 79th Street Cleveland, Ohio

WYANDOTTE METAL CLEANERS

Will increase cleaning production
with your present equipment.

ASK YOUR SUPPLY MAN

The J. B. Ford Company
Sole Manufacturers
Wyandotte, Mich.

CANADIAN NATIONAL RYS. Continued.

137c—Western Region—Continued.

LOCOMOTIVE FOREMEN—CONTINUED.

J. P. Watters.....Mirror, Alta
H. Williams.....Winnipeg, Man
W. W. Yeager.....Wainwright, Alta
T. Young.....Jasper, Ont

DISTRICT CAR FOREMEN.

L. Lafountaine.....Winnipeg, Man
W. R. Moore.....Saskatoon, Sask

C.A.Abbot,Div.Car For.Edmonton,Alta

CAR FOREMEN.

T. Annesley.....Prince Rupert, B.C
M. A. Argue.....Fort Frances, Ont
F. Basford.....Big Valley, Alta
A. M. Cameron.....Prince Albert, Sask
J. Candline.....North Battleford, Sask
D. H. Chivers.....Humbolt, Sask
D. M. Craig.....Drumheller, Alta
J. P. Delamour.....Melville, Sask
H. Dodds.....Kindersley, Sask
H. Evans.....Rivers, Man
J. Glazebrook.....Biggar, Sask
F. Gouge.....Sioux Lookout, Ont
J. Grant.....Dauphin, Man
A. Gray.....Jasper, Alta
J. Hay.....Vermilion, Alta
J. Herring.....Calgary, Alta
H. Higginbottom.....Port Mann, B. C
D. Holden.....Hanna, Alta
N. C. Hooper.....Winnipeg, Man
A. E. House.....Brandon, Man
F. H. Jenkins.....Rainey River, Ont
W. Jones.....Transcona, Man
A. Laing.....Watrous, Sask
J. H. Lambert.....Redditt, Ont
W. G. Lloyd.....Kamloops, B. C
W. McKenzie.....Port Arthur, Ont
J. McLelland.....Mirror, Alta
G. McNab.....McBride, B. C
W. C. Millman.....Saskatoon, Sask
W. Mowat.....Belmont, Man
C. A. Munroe.....Edmonton, Alta
J. Nesbit.....“
E. Opie.....Prince George, B.C
J. Porteous.....Smithers, B. C
N. S. Reeves.....Paddington, Man
J. Rudd.....Kamsack, Sask
H. Saunders.....Radville, Sask
C. R. Stokes.....Antikokan, Ont
J. Sutherland.....Wainwright, Alta
M. W. Sutton.....Neebing, Ont
J. R. Taylor.....Fort Rouge, Man
W. Taylor.....The Pas, Man
R. W. Ward.....Russell, Man
J. W. Wickan.....Regina, Sask
A. Woodcock.....Edson, Alta

ENGINEERING, BRIDGES & ROADWAY

H. A. Dixon, Ch. Eng.. Winnipeg, Man
H.E.Burg,Asst. to Ch.Eng. “
F. B. Tapley, Eng. M. W. Edmonton, Alta
T. Turnbull, Eng. M. W..... } Winnipeg,
W. Burns, Const. Eng..... } Man.
D. R. Campbell, Gen. Supt. Const..... “
W. Walkden, Brdg. Eng..... “
R. W. Graham, Supt. Const.....Prince Albert, Sask
G. C. Briggs, Eng. Bldgs.... } Winnipeg,
J. W. Porter, Spec. Eng.... } Man.
H. P. Blake, Eng. Wat. Sup.. “
E. Schrantz, Elec. Supvr.... “
J. Gordon, Asst. Elec. Eng.. “

DISTRICT ENGINEERS.

J. E. Davison.....Winnipeg, Man
H. W. Johnson (Act.).....Victoria, B. C
A. M. Macgillivray....Saskatoon, Sask
S. Morrison.....Vancouver, B. C
T. W. White.....Edmonton, Alta

DIVISION ENGINEERS.

J. M. Davidson.....Fort Rouge, Man
L. S. Daynes.....Prince Albert, Sask
W. Fetherstonaugh.....Calgary, Alta
F. W. Leeper.....Prince Rupert, B. C
J. G. MacLachlan.....The Pas, Man
St. J. Munroe.....Kamloops, B. C
G. Murray.....Melville, Sask
H. G. O'Leary.....Fort William, Ont
P. C. Perry.....Regina, Sask
W. E. Rivers.....Edson, Alta
E. W. Robinson.....Port Arthur, Ont
R. C. Robinson.....Dauphin, Man
R. W. Ross.....Edmonton, Alta
N. M. Wadell.....Brandon, Man

BRIDGE AND BUILDING MASTERS.

H. Amos.....Dauphin, Man
E. E. Bucknan.....Winnipeg, Man
D. Campbell.....Fort William, Ont
C. Carver.....Portage La Prairie, Man
A. Crawford.....Calgary, Alta
J. A. Crawford.....Saskatoon, Sask
H. Graham.....Port Arthur, Ont
J. W. Graham.....Prince Albert, Sask
T. Harris.....Brandon, Man
A. E. Holtby.....Prince Rupert, B. C
D. Matheson.....Regina, Sask
D. M. McKenzie.....Edson, Alta
K. D. McLay.....Big Valley, Alberta
C. F. O'Connor.....Kamloops, B. C
L. N. Phelps.....Edmonton, Alberta
A. J. Rothwell.....Melville, Sask
C. R. Tredger.....Edmonton, Alta

ROAD MASTERS.

G. C. Barnett.....Biggar, Sask
G. Bell.....Saskatoon, Sask
G. Blacklock.....Fort William, Ont
J. Brannan.....Brandon, Man
E. H. Brock.....Watrous, Sask
J. A. M. Brown.....Camrose, Alta
P. Cairns.....Biggar, Sask
W. Carroll.....Saskatoon, Sask
E. Cheetham.....Neepawa, Man
O. E. Collings.....Melfort, Sask
D.S. Davidson..Portage La Prairie, Man
R. C. Davidson.....McBride, B. C
R. Dennis.....Hudson Bay Jct., Sask
D. Dineen.....Prince George, B. C
F. Dixon.....Ft. Francis, Ont
E. C. Dunlop.....Portage, Man
J. Eagleson.....Hanna, Alta
W. A. Eagelson.....Port Mann, B. C
F. J. Ellis.....Fort Rouge, Man
G. Eyford.....Humboldt, Sask
R. Ferguson.....Sioux Lookout, Ont
D. H. Ford.....Calgary, Alta
T. A. Gallacher.....Melville, Sask
J. E. Gordon.....Warroad, Minn
H. Gunderson.....Smithers, B. C

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

ROME IRONS

ROME SUPERIOR STAYBOLT IRON

ROME PERFECTION ENGINE BOLT IRON

ROME IRON MILLS, Inc.

Rome, N. Y. 17 East 42nd St., N. Y.

"The Packing That Packs"

For Locomotive Piston Rods

Valve Stems and Air Pumps

The Paxton-Mitchell Company

Omaha, Nebraska

CANADIAN NATIONAL RYS.—Continued.

137c—Western Region—Continued.

ROAD MASTERS—CONTINUED.

R. A. Harlow.....Prince Rupert, B. C
A. T. Herbert.....Yorktown, Sask
P. W. Hutchinson.....Big Valley, Alta
P. Jackson..... } Winnipeg Terminals, Winnipeg, Man
R. Johnson.....Prince Albert, Sask
S. K. Kimball.....Regina, Sask
J. F. Larson.....Kamloops Jct., B. C
J. A. Leslie.....Blue River, B. C
A. E. Lyons.....Tichfield, Sask
F. C. Mackay.....Calgary, Alta
H. A. Mackenzie...Spences Bridge, B.C
W. J. Marchm.....Kamsack, Sask
H. P. McCormick.....Transcona, Man
O. A. McInnes.....Coal Spur, Alta
S. H. Miller.....Sioux Lookout, Ont
E. R. Millidge.....Edson, Alta
J. Moriarty.....Prince George, B. C
W. O'Donnell.....Fort Rouge, Man
L. Olson...Rocky Mountain House, Alta
T. J. Patton.....Radville, Sask
J. A. Pennock.....Regina, Sask
R. A. Postans.....Port Arthur, Ont
A. Remstad.....Edmonton, Alta
H. L. Roblin.....Radville, Sask
W. E. Roe.....Edson, Alta
E. Rushby.....North Battleford, Sask
I. Scott.....Brandon, Man
L. K. Sevick....North Battleford, Sask
A. Slack.....Saskatoon, Sask
J. Smith.....Regina, Sask
C. Story.....Swan River, Man
C. M. Tyson.....Melville, Sask
O. M. Valde.....Moose Jaw, Sask
P. R. Valde.....Fort Rouge, Man
W. J. Walker.....Edmonton, Alta
A. F. Wilson.....Vernon, B. C
J. C. Wrixon.....Prince Albert, Sask

J. H. Cormick, Sig. Eng... Winnipeg, Man

SIGNAL SUPERVISORS.

J. J. Crowe.....Saskatoon, Sask
R. C. Gardner.....Edmonton, Alta
L. A. Guthrie.....Winnipeg, Man

137e—Central Vermont Ry.

Comprising all lines and facilities south of Iberville, Que.

493 Mls, 106 Loco, Cars: 2,497 Frt, 138 Pass, 157 Misc
Mileage and Equipment not included in C. N. Rys.

EXECUTIVE, FINANCIAL & LEGAL.

H. W. Thornton, Chmn...Montreal, Que
E. C. Smith, Pres.....St. Albans, Vt
E. F. Smith, Asst. to Pres. "
S. J. Hungerford, V.-Pres..Montreal, Que
J. E. Dalrymple, V.-Pres.. "
J. B. Wood, Treas.....St. Albans, Vt
J. W. Redmond, Gen. Coun. "
E. Deschenes, Compt..... "
H. Webber, Asst. Compt. "
S. S. Russell, Gen. Clm. Agt. "
J. W. Hanley, G. F. & P. A. "
J. L. Dempsey, Asst. G. F. A. "

OPERATING.

J. W. Wardlaw, Gen. Mgr. St. Albans, Vt
M. E. Barnes, Asst. to Gen. Mgr..... "
M. Magill, Supt. C. S. & Supt. Tel..... "
E. J. Guthrie, Act. Marine Supt.....New York, N. Y

SUPERINTENDENTS.

G. W. Groom.....St. Albans, Vt
E. J. Guthrie.....New London, Conn

¶ H. M. Dewart, Pur. Agt...St. Albans, Vt

MECHANICAL.

H. T. Nowell, Mech. Supt... } St. Albans, Vt.
W. C. Hamm, Mech. Eng... } Vt.
E. Dillon, M. M..... "
F. W. Chapman, Rd. For. Eng. "
W. S. Scarboro, Asst. Rd. For. Eng..... "
K. J. Eklund, Gen. Loco. For "
K. A. Eklund, Gen. For. Loco. & Car Depts.....Brattleboro, Vt
B. O. Bogue, Car & Loco. For.....New London, Conn
§ A. Soulliere, Gen. For. Pass. } St. Albans, Vt.
& Frt. Car Depts..... } Vt.
R. S. Teague, Loco. For..... "
C. F. Nixon, Ch. Car Insp... "

LOCOMOTIVE AND CAR FOREMEN.

T. W. Palos.....White River Jct., Vt
L. S. Perkins.....Burlington, Vt
J. Pratt.....Palmer, Mass
F. C. Trudeau.....Montpelier Jct., Vt
H. F. Wickes.....Brattleboro, Vt

ENGINEERING, BRIDGES & ROADWAY

P. D. Fitzpatrick, Ch. Eng. } St. Albans,
J. E. O'Donnell, Asst. Eng. } Vt.
Const..... "
J. C. Boyle, Asst. Eng. Trk... "
C. E. Donaldson, Supvr. B. & B. "

DISTRICT FOREMEN BRIDGES & BUILDINGS.

A. Bedard.....Iberville, Que
C. R. Lyman.....Waterbury, Vt
C. S. Schoolcraft.....St. Albans, Vt
W. A. Stewart.....New London, Conn

TRACK SUPERVISORS.

I. Austin.....Montpelier, Vt
R. K. Harris.....Palmer, Mass
W. Z. Penell.....St. Albans, Vt

137f—Duluth, Winnipeg & Pacific Ry.—Duluth, Rainy Lake & Winnipeg Ry.

176 Mls, 16 Loco, Cars: 2,013 Frt, 5 Pass, 39 Misc
Mileage and Equipment not included in C. N. Rys.

H. W. Thornton, Pres...Montreal, Que
W. G. Manders, Frt. Traf. Mgr.....Winnipeg, Man
A. E. Rosevear, G. F. A.. "
R. Creelman, Pass. Traf. Mgr. "
S. O. Scott, G. P. A..... "
H. M. Spence, G. B. A.... "
J. H. McKinnon, Supt...Virginia, Minn
Z. Bourbonniere, Str. Epr.....West Duluth, Minn
E. W. Myers, Str. Kpr. West Virginia, Minn
L. H. Boerger, M. M. West Duluth, Minn

Steel Back Brake Shoes THE RAILWAY MATERIALS CO New York - Chicago

Car Lighting Equipment

ELECTRIC and PINTSCH GAS

Car Lighting Fixtures

Safety Electric Fans

Putnam Storage Batteries

THE

SAFETY

CAR HEATING AND

LIGHTING

COMPANY

2 Rector Street, New York, U.S.A.

Chicago Philadelphia St. Louis

Boston San Francisco Montreal

CANADIAN NATIONAL RYS.—Continued.

137f—Duluth, Winnipeg & Pacific Ry.—Duluth, Rainy Lake & Winnipeg Ry.—Continued.

A. B. Carman, Loco. For. Virginia, Minn
A. C. Hudson Loco. For., Duluth, Minn
R. S. Thompson, Gen. Car For. ..... West Duluth, Minn
J. J. Woods, Car For. West Virginia, Minn
J. L. Pickles, Div. Eng. West Duluth, Minn
J. E. Kelly, Rd. Mast. ..... Virginia, Minn
J. E. McDonald, Sig. Super. "

137g—Grand Trunk Western Sys.

Comprising all lines and facilities west of the St. Clair and Detroit Rivers.

992 Mls. (mileage also included in C.N.Rys., No.137)

Equipment included in C. N. Rys., No. 137.

OPERATING.

C. G. Bowker, Gen. Mgr. ..... } Detroit,
W. R. Davidson, Asst. Gen. Mgr. } Mich.
W. H. Edmondson, Asst. to Gen. Mgr. ..... "
C. H. Allen, Supt. Frt. Clm. Prev. "
J. A. Clancey, Supt. Trans. ..... "
J. B. McGregor, Supt. } Battle Creek,
Ry. Tel. Serv. ..... } Mich.
D. T. Crawford, Supt. ..... "
T. King, Supt. ..... Durand, Mich
E. F. Gorman, Supt. Term. Detroit, Mich
H. C. White, Supt. Term. ..... Port Huron, Mich
F. L. Sample, Asst. Supt. Term. ..... Detroit, Mich
O. F. Clark, Car Acct. ..... "
G. B. Betts, Asst. Car Acct. "
Dr. G. W. Stockwell, Asst. Ch. Surg. ..... "

FINANCIAL & ACCOUNTING.

W. C. Tomkins, Treas. ..... } Detroit,
F. Horton, Aud. ..... } Mich.
G. B. Bird, Asst. Aud. ..... "
E. Van Boemel, Aud. Rev. ..... "
P. Heitmann, Aud. Disb. ..... "
L. R. Flanders, Frt. Clm. Agt. "

LEGAL.

H. R. Martin, Gen. Atty. ..... } Detroit,
W. A. Geer, Asst. Gen. Atty. } Mich.
L. J. Carrigan, Asst. Gen. Atty. "
G. J. Cooper, Gen. Clm. Agt. "
J. S. Lillie, Prop. & Tax Comr. "

TRAFFIC.

R. L. Burnap, Frt. Traf. Mgr. Chicago, Ill
E. F. Flinn, G. F. A. ..... "
J. Cameron, Asst. G. F. A. ..... "
W. H. Spicer, Asst. G. F. A. Detroit, Mich
A. Z. Mullins, Div. Frt. Agt. ..... Grand Rapids, Mich
L. A. Veroneau, Ch. Tariff Bur. } Chicago,
C. A. Gormaly, Forn. Frt. Agt. } Ill.
A. B. Chown, G. P. A. ..... "
W. R. Eastman, Asst. G. P. A. "
L. L. Grabill, G. B. A. ..... Toronto, Ont
A. L. Shanley, Comr. Ind. Detroit, Mich

PURCHASING AND STORES.

¶G. W. Cave, Pur. Agt. ..... Detroit, Mich
L. C. Thomson, Mgr. Strs. Montreal, Que
C. E. Jones, Fuel Agt. ..... Toronto, Ont
J. C. Jackson, Gen. Str. Kpr. ..... Battle Creek, Mich

STORE KEEPERS.

F. B. Eick ..... Valparaiso, Ind
H. Fulton ..... Elsdon, Ill
J. T. Rice ..... Durand, Mich
R. H. Woodard ..... Port Huron, Mich

MECHANICAL.

B. J. Farr, Supt. M. P. & } Battle Creek,
Car Dept. ..... } Mich.
G. E. Murray, Elec. & Mech. Eng. ..... "
J. Vass, Mech. Insp. ..... "
G. F. Dick, M. M. ..... "

ROAD FOREMEN OF ENGINES.

R. Atkins ..... Detroit, Mich
H. J. Billington ..... Battle Creek, Mich
E. E. McGregor ..... "
J. H. Rewald (Asst.) ..... Elsdon, Ill
H. E. Rice ..... Durand, Mich

GENERAL ENGINEHOUSE FOREMEN.

W. C. Brown ..... Elsdon, Ill
J. W. Carruth ..... Pontiac, Mich
W. A. Dalton ..... Grand Haven, Mich
W. G. Rodden ..... } Nichols, Mich
} P. O. Battle Creek
T. H. Smith ..... Detroit, Mich
F. D. Sovereign ..... Port Huron, Mich
G. H. Wyatt ..... Durand, Mich

ENGINEHOUSE FOREMEN.

W. H. Cherry ..... Grand Rapids, Mich
D. Christ ..... } Belsay, Mich
} P. O. Flint
H. Hallock ..... Jackson, Mich
R. Kanaar ..... Muskegon, Mich
S. Le Fevre ..... Bay City, Mich
J. W. Peters, M. C. B. . Battle Creek, Mich
E. Mazurette, M. P. & Car For. ..... South Bend, Ind

CAR FOREMEN.

W. J. Brett ..... Pontiac, Mich
G. W. Bronson ..... Detroit, Mich
J. Caddis ..... Flint, Mich
H. Carpenter ..... Grand Rapids, Mich
J. Cornwell ..... Valparaiso, Ind
J. Fisher ..... Lansing, Mich
S. G. Grout ..... Durand, Mich
C. J. Lampson ..... } Nichols, Mich.
} P. O. Battle Creek
E. Lange ..... Harvey, Ill
T. J. Neubaurer ..... Port Huron, Mich
R. E. Patton ..... Elsdon, Ill
W. Schofield ..... Griffith, Ind
C. Wick ..... Blue Island, Ill
H. G. Love, Shop Supt. Port Huron, Mich
W. H. Westbrook, Supt. } Battle Creek,
Shops. ..... } Mich.
R. Russell, Gen. Boil. Insp. "
C. H. Browning, Gen. Boil. For. "
A. C. Drye, Gen. Air Brk. Insp. ..... "

ENGINEERING. BRIDGES & BUILDINGS

J. A. Heaman Ch. Eng. ... Detroit, Mich
F. P. Sisson, Div. Eng. ... "

ASSISTANT ENGINEERS.

R. A. Gravelle ..... Detroit, Mich
A. E. Haywood ..... Battle Creek, Mich
A. N. Laird ..... Detroit, Mich
A. L. Ray ..... Durand, Mich
D. C. Wales ..... Detroit, Mich
J. B. Gaut, Supt. B. & B. .. Detroit, Mich

SAFETY ELECTRIC LIGHT The Safety C. H. & L. Co.
USED ON 71 LEADING RAILROADS. 2 Rector Street, New York.

Nicholson Thermic Syphon

INCREASES { Boiler Capacity
Boiler Efficiency
Firebox Strength

REDUCES Boiler Failures
PROMOTES Safety
FORCES Circulation Over Crown Sheet
PROVIDES Substantial Brace for Crown Sheet
SUPPORTS Brick Arches and Baffle Walls

Ask for Bulletin No. 8

Locomotive Firebox Company
310 So. Michigan Ave. - - - Chicago

WOODS SIDE BEARING

WOODS CENTER PLATE

Edwin S. Woods & Co.
Illinois-Merchants Bank Bldg.
CHICAGO

Transportation Bldg.
MONTREAL, P. Q.

CANADIAN NATIONAL RYS.—Continued.

137g—Grand Trunk West'n.—Cont.

F.C.Tranzow,Supvr.B.&B.Durand,Mich
C. Harding, Supvr. B. & B.....Battle Creek, Mich
R. Walters, Supvr. Water Serv.....Durand, Mich
A. D. McRitchie, Supvr. Scales.....Battle Creek, Mich
J. H. Reagan, Supt. Trk..Detroit, Mich

SUPERVISORS OF TRACK.

J. Dodge.....Durand, Mich
J. Nolan.....Valparaiso, Ind
H. Plowman.....Detroit, Mich
R. E. Richmond....Grand Rapids, Mich
G. Roehl.....Pontiac, Mich
H. F. Sullivan.....Battle Creek, Mich
F. Tranzow.....Durand, Mich

SIGNAL DEPARTMENT.

SUPERVISORS OF SIGNALS.

J. P. Coleman.....Durand, Mich
W. L. Dayton.....Battle Creek, Mich
J. T. Wright.....Detroit, Mich

137d—Niagara, St. Catharines & Toronto Ry.

Mileage and Equipment included in C.N.Rys.,No.137

D. E. Galloway, V.-Pres..Montreal, Que
E. W. Oliver, Mgr.....Toronto, Ont
H. C. Bourlier, G. P. A..... "
J. C. Haight, Supt..St. Catharines, Ont
W. J. Radford, Asst. Supt.....Niagara Falls, Ont
T. Clark, Asst. Supt... } St. Catharines,
J. H. Cunningham, Clm. Agt..... } Ont.
J. R. Empringham, Supt. Park & Marine.....Toronto, Ont
W. E. Massie, Mech. Supt..... } St. Catherines, Ont.
R. L. Harrison, Eng..... "

138—

139—CANADIAN PACIFIC RY. CO.

14,166 Mls, 2,255 Loco, Cars: 90,659 Frt, 2,866 Pass, 8,088 Misc

Mileage also shown separately for each District.

EXECUTIVE, FINANCIAL AND LEGAL.

E.W.Beatty,Chman.&Pres. } Montreal,
Grant Hall, V.-Pres..... } Que.
I. G. Ogden, V.-Pres..... "
W. R. MacInnes, V.-Pres..... "
J. Leslie, V.-Pres. & Compt... "
A. D. MacTier V.-Pres..... "
D. C. Coleman, V.-Pres. Winnipeg, Man
E. Alexander, Sec..... } Montreal,
J. O. Apps, Gen. Exec. Asst. } Que.
W. M. Neal, Asst. to V.-Pres.. "
C. E. Stockdill, Asst. to V.-Pres.....Winnipeg, Man
H. C. Oswald, Asst. Sec..... } Montreal,
F. G. Millen, Asst. Treas.... } Que.
A. E. Shave, Asst. Treas..... "
W. H. Curle, K.C., Gen. Solr... "
E. P. Flintoft, Asst. Gen. Solr.. "
W.N.Tilley, K.C., Consult Coun.. "
A. S. Piers, Mgr. R. E. Dept... "
H. Irwin, Consult. R. of W. Agt. "

RIGHT OF WAY AND TAX AGENTS

E. W. Bateman.....Vancouver, B.C
P. McPherson.....Winnipeg, Man
F. Taylor.....Montreal, Que.
F. R. Haney, Clms. Adj...Montreal, Que
G. W. Curtis, Ind. Comr.. "
W. H. D'Arcy, Gen. Clm. Agt.....Winnipeg, Man

ACCOUNTING.

J. Leslie, V.-Pres. & Compt..... } Montreal, Que.
E. E. Lloyd, Asst. Compt..... }
G. C. Gahan, Gen. Aud..... }
H. J. Dalton, Aud. Disb..... "
J. H. Shearing, Aud. Pass. Rec... "
C. J. Flanagan, Aud. Frt. & Tel. Rec. "
W. J. Cherry, Aud. Frt. Clms..... "
W. H. Langridge, Aud. Stores & Mech. Accts..... "
C. J. Black, Aud. Agencies..... "
W. T. Bennett, Aud. Pay Rolls... "
E. H. Bridger, Aud. Misc. Accts... "
G. C. Jackson, Aud. of Claims.... "
D. C. Macdonald, Asst. Gen. Clm. Agt.....Winnipeg, Man

FREIGHT CLAIM AGENTS.

R. I. Bodkin.....Vancouver, B. C
F. K. Clarke.....Calgary, Alta
F. Elder.....Winnipeg, Man
G. Jeffries.....Toronto, Ont
T. A. Riddell (Asst.).....Montreal, Que
A. Shelburne..... "

TRAFFIC.

W. R. MacInnes, V.-Pres..... } Montreal
C. E. E. Ussher, Gen. Pass. Traf. Mgr..... } Que.
G.C.Wells, Asst. to Gen. Pass. Traf. Mgr..... "
C. B. Foster, Pass. Traf. Mgr. "
W. Maughan, Pass. Traf. Mgr. (S. S.)..... "

ASST. PASSENGER TRAFFIC MANAGERS.

W. G. Annable (S.S.).....Montreal, Que
H. W. Brodie..... "
C. E. McPherson.....Winnipeg, Man

H. B. Beaumont, Asst. to S. S. Pass. Traf. Mgr...Montreal, Que

GENERAL PASSENGER AGENTS.

W. Ballantyne (S. S.).....Montreal, Que
R. G. McNeillie.....Winnipeg, Man
W. H. Snell.....Vancouver, B C
G. A. Walton.....Montreal, Que

ASST. GENERAL PASSENGER AGENTS.

C. H. Bowes.....Vancouver, B.C
N. R. DesBrisay.....Winnipeg, Man
E. J. Hebert.....Montreal, Que
F. O. Hopkins..... "
H. M. McCallum (S. S.).. "
E. F. L. Sturdee..... "

W. B. Lanigan, Gen. Frt. Traf. Mgr.....Montreal, Que
E. N. Todd, Frt. Traf. Mgr. "

ASST. FREIGHT TRAFFIC MANAGERS.

W. C. Bowles.....Montreal, Que
G. Stephen.....Winnipeg, Man

GENERAL FREIGHT AGENTS.

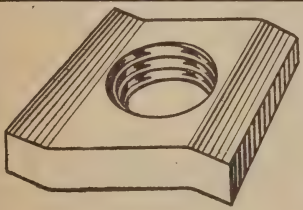
H. W. Gillis (Asst.).....Montreal, Que
R. G. Holmes (Asst.)....Winnipeg, Man

¶ Officer in charge of Purchase of Supplies.
★ Indicates Officer in charge of Car or Locomotive Painting.
§ Officer in charge of Mechanical Work, where the fact is not indicated by his title.

PRIME'S PLUGS

THE PRIME MANUFACTURING CO.

MILWAUKEE, WISCONSIN



Save (ty) First and in these strenuous times where this can be done without sacrificing efficiency it ought to be worth your while to look into it. : : :

Try Columbia Gib Nut Locks in competition with others of this style

OUR PRICES ATTRACT.

Columbia Nut & Bolt Co., Inc.

Bridgeport, Conn.

Also makers of the celebrated Columbia Lock Nuts

139—CANADIAN PACIFIC—Continued.

GENERAL FREIGHT AGENTS—CONTINUED.

C. E. Jefferson.....Winnipeg, Man
R. E. Larmour.....Montreal, Que
G. H. Smith (Asst.).....Winnipeg, Man

GENERAL AGENTS, MAIL, BAGGAGE AND MILK TRAFFIC.

W. E. Allison.....Montreal, Que
J. J. Anderson (Asst.)....
J. Sparks (Asst.).....Winnipeg, Man

A. O. Seymour, Gen. Tourist Agt. } Montreal, Que.
G. McL. Brown, Europ. Gen. Mgr. } 65 Charing Cross, London, Eng.
T. J. Smith, Europ. Frt. Mgr. } "
H. G. Dring, Europ. Pass. Mgr. } "
W. M. Kirkpatrick, Forn. Frt. Traf. Mgr. } Montreal, Que.
W. T. Marlow, Gen. Foreign Frt. Agt..... "

FOREIGN FREIGHT AGENTS.

A. J. Fleming (Asst.).....Montreal, Que
S. C. Hurkett (Asst.).... "
J. G. McNab.....Vancouver, B. C
J. A. Morice.....Toronto, Ont
J. J. Morton .....New York, N. Y

W. E. Arnold, Ch. of Tariff Bureau..... } Winnipeg, Man.
R. W. Chateauvert, Ch. of Tariff Bureau..... } Montreal, Que.
A. Allerton, Gen. Supt. Hotels. "

SLEEPING, DIN., PAR. CAR & NEWS SERVICE.

W. A. Cooper, Mgr.....Montreal, Que
H. F. Mathews, Gen. Supt. Winnipeg, Man

SUPERINTENDENTS.

F. M. Breen.....Montreal, Que
G. O. Evans (Asst.).....Moose Jaw, Sask
D. S. Fraser.....Vancouver, B. C
R. S. Hunter.....Calgary, Alberta
S. A. Simpson.....Winnipeg, Man
S. Wertheim.....Toronto, Ont

COLONIZATION AND DEVELOPMENT.

J. S. Dennis, Ch. Comr...Montreal, Que
A. B. Calder, Spec. Rep.... "
J. N. K. MacAlister, Asst. Comr. "
H. C. P. Cresswell, Supt.. "
C. A. Van Sloy, Supt.....Winnipeg, Man
G. G. Ommanney, Develop. Eng.....Montreal, Que

DEPARTMENT OF NATURAL RESOURCES.

P. L. Naismith, Mgr.....Calgary, Alta

OPERATING.

A. D. MacTier, V.-Pres...Montreal, Que
J. J. Scully, Gen. Mgr..... "
G. Hodge, Asst. Gen. Mgr.. "
D. C. Coleman, V.-Pres..Winnipeg, Man
C. Murphy, Gen. Mgr.... "
C. E. Stockdill, Asst. to V.-Pres..... ..... "
A. Hatton, Gen. Supt. Trans.....Montreal, Que
J. D. Altimas, Asst. Gen. Supt. Trans..... "
H. C. Taylor, Supt. Trans. "
E. D. Cotterell, Supt. Trans.....Winnipeg, Man
W. Phelan, Car Acct.....Montreal, Que

M. McD. Duff, Mgr. Great Lakes Steamers.....Montreal, Que
J. W. Troup, Mgr. B. C. Coast Service.....Victoria, B. C
C. D. Neroutsos, Asst. Mgr. B. C. Coast Service..... "
R. W. McMurray, Marine Supt. B. C. Coast Service. "
D. Brown, Supt. B. C. Lake & River Steamers.....Nelson, B. C
E. A. Cunningham, Efficiency Eng.....Montreal, Que
Dr. H. A. Beatty, Ch. Medical Off.....Toronto, Ont

TELEGRAPH.

J. McMillan, Gen. Mgr. Tel.. } Montreal, Que.
J. Mitchell, Asst. Mgr. Tel.. }
W. D. Neil, Asst. Mgr. Tel. Winnipeg, Man
A. J. Clark, Supt. Traf.. "
E. L. Scott, Supt. Traf....Montreal, Que

SUPERINTENDENTS TELEGRAPH.

D. H. Bowen.....Sudbury, Ont
D. Coons.....Moose Jaw, Sask
A. C. Fraser.....St. John, N. B
E. H. Goodfellow.....Winnipeg, Man
D. L. Howard.....Vancouver, B. C
H. S. Ingrams.....Montreal, Que
W. M. Thompson.....Toronto, Ont
R. N. Young.....Calgary, Alberta

PURCHASING.

¶ E. N. Bender, Gen. Pur. Agt. } Montreal, Que.
B. W. Roberts, Asst. Gen. Pur. Agt..... }

PURCHASING AGENTS.

E. C. P. Cushing.....Calgary, Alberta
A. C. Douglas.... .....Vancouver, B. C
S. V. T. Jeffery.....Winnipeg, Man
T. M. McKeown (Asst.)..Victoria, B. C

GENERAL STORE KEEPERS.

T. Fawcett.....Winnipeg, Man
A. A. Goodchild.....Montreal, Que
G. E. Hall (Asst)..... "

DIVISION STORE KEEPERS.

F. G. Bannister.....Ogden, Alberta
H. Brook.....West Toronto, Ont
W. J. Coo.....Vancouver, B. C
A. J. Forrest.....Moose Jaw, Sask
R. E. Hall.....North Bay, Ont
A. S. Macdonald.....Winnipeg, Man
H. Priestman.....McAdam Jct., N. B

H. O. Wilson, Sta.....Montreal, Que
T. Britt, Gen. Fuel Agt.... "
B. M. Winegar, Gen. Tie Agt. "
R. H. Postans, Customs Agt. "

MECHANICAL.

C. H. Temple, Ch. M. P. & Roll. Stock..... } Montreal, Que.
H. H. Boyd, Asst. Ch. Mech. Eng. "
W. A. Newman, Mech. Eng... "

SUPERINTENDENTS OF MOTOR POWER AND CAR DEPARTMENT.

R. Preston.....Montreal, Que
R. A. Pyne..... } Winnipeg, Man.
A. Sturrock (Asst.)..... }
G. Whiteley (Asst.)..... Montreal, Que

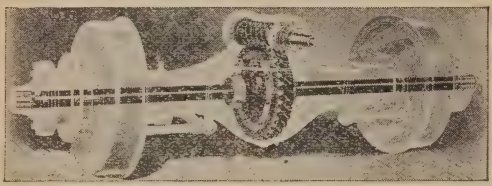
MASTER CAR BUILDERS.

T. G. Armstrong.....Winnipeg, Man
E. Eley.....Montreal, Que

H. B. Bowen, Works Mgr. Winnipeg, Man

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York - Chicago

TIMKEN AXLES



For Automobiles, Motor Coaches and Motor Trucks

Simplicity—Strength—Long Life—Accessibility
Low Upkeep—Dead Silence

THE TIMKEN-DETROIT AXLE CO. - DETROIT, MICH.

DAMASCUS
NICKEL BRONZE
IS
GUARANTEED
FOR 50%
LONGER LIFE
ENGINE and CAR BRASSES

DAMASCUS BRONZE CO.
PITTSBURGH

139—CANADIAN PACIFIC—Continued.

J. Burns, Works Mgr. (Angus Shops) ... } Montreal, Que.
J. D. Muir, Asst. Works Mgr., (Angus Shops) ... "
H. R. Naylor, Asst. Wks. Mgr. ... "
J. A. Shaw, Gen. Elec. Eng. ... "
J. W. Hughes, Elec. Eng. ... "
J. A. Douglas, Elec. Eng., Winnipeg, Man
T. W. Lowe, Gen. Boil. Insp. "
E. S. M. Macnab, Car Lighting Eng. } Montreal, Que.
W. J. Hatch, Gen. Air Brk. Insp. "
W. G. Stenason, Gen. Air Brk. Insp. ... Winnipeg, Man
J. N. Voerge, Gen. Mast. Paint ... Montreal, Que

ENGINEERING, BRIDGES & ROADWAY

J. M. R. Fairbairn, Ch. Eng. } Montreal
P. B. Motley, Eng. Bridges } Que.
J. W. Orrock, Eng. Bldgs. ... "
J. E. Armstrong, Asst. Eng. ... "

EASTERN LINES (ENGINEERING).

A. C. Mackenzie, Eng. M. W. } Montreal, Que.
W. O. Cudworth, Asst. Eng. M. W. } Que.
N. E. Gutelius, Asst. Eng. M. W. ... "
C. W. Parker, Sig. Eng. ... "

WESTERN LINES (ENGINEERING).

W. A. James, Asst. Ch. Eng. } Winnipeg, Man
F. Lee, Eng. M. W. }
J. C. Clifford, Asst. Eng. M. W. ... "
H. W. McLeod, Asst. Eng. ... "
C. H. Fox, Eng. Water Serv. ... "
C. R. Hodgdon, Sig. Eng. ... "

139a—New Brunswick District.

785 Mls. (Mileage also included in Canadian Pacific Ry. Co., No. 139).

J. M. Woodman, Gen. Supt. .. St. John, N. B
W. C. Guthrie, Supt. ... Woodstock, N. B
J. H. Boyle, Supt. ... Brownville Jct., Me

ASSISTANT SUPERINTENDENTS.

W. Garland ... Brownville Jct., Me
R. McAdam ... Aroostook Jct., N. B
D. H. Ryan ... St. John, N. B
R. A. Sewell, Trans. Asst. .. St. John, N. B.
R. V. Carleton, Div. M. M. ... Brownville Jct., Me
W. J. Pickrell, M. M. ... McAdam, N. B
C. C. Kirby, Dist. Eng. ... St. John, N. B

DIVISION ENGINEERS.

H. A. Chandler ... Woodstock, N. B
A. O. Wolff ... Brownville, Jct., Me

BRIDGE & BUILDING MASTERS.

H. H. Allen ... Brownville Jct., Me
F. N. Currie ... Woodstock, N. B

ROAD MASTERS.

A. M. Bird ... McAdam, N. B
F. J. Landers ... West St. John, N. B
N. E. Lister ... Woodstock, N. B
J. S. Richardson ... "
J. Royea ... Brownville Jct., Me
J. E. Verner ... Megantic, Que
N. W. Walsh ... Aroostook Jct., N. B

139b—Quebec District.

1427 Mls. (Mileage also included in Canadian Pacific Ry. Co., No. 139).

J. K. Savage, Gen. Supt. } Montreal, Que.
W. J. Uren, Asst. Gen. Supt. }

SUPERINTENDENTS.

T. Collins (Term.) ... Montreal, Que
S. W. Crabbe ... Smith's Falls, Ont
J. H. Hughes ... Ottawa, Ont
O. M. Lavoie ... Montreal, Que
A. Williams ... Farnham, Que

ASSISTANT SUPERINTENDENTS.

M. W. Bard ... Smith's Falls, Ont
W. C. Beck ... Ottawa, Ont
G. A. Bowler ... Montreal, Que
T. E. Elmsley ... "
J. O. Fortier ... Sherbrooke, Que
C. J. McGregor ... Three Rivers, Que
J. L. Palethoye ... Montreal, Que
J. A. Tobin ... "
E. J. Walker ... Smith's Falls, Ont
F. A. Winterson ... Farnham, Que
C. O. McHugh, Trans. Asst. Montreal, Que

MECHANICAL.

C. A. Wheeler, M. M. ... Montreal, Que

DIVISION MASTER MECHANICS.

J. S. Allen ... Ottawa, Ont
H. A. Amy ... Smith's Falls, Ont
J. M. Burke ... Montreal, Que
R. Walton ... "
W. Wright ... Farnham, Que

ENGINEERING, BRIDGES & ROADWAY

J. E. Beatty, Dist. Eng. ... Montreal, Que
J. H. Reeder, Asst. Dist. Eng. "
O. G. Riepert, Dist. Elec. ... "

DIVISION ENGINEERS.

T. B. Ballantyne ... Farnham, Que
W. W. Benny ... Ottawa, Ont
J. R. Caswell ... Smith's Falls, Ont
J. H. Forbes ... Montreal, Que
W. B. Harper ... "

BRIDGE AND BUILDING MASTERS.

H. P. Creighton ... Smith's Falls, Ont
H. M. Farmer ... Montreal, Que
W. F. Koehn ... "
R. V. Nicholson ... Ottawa, Ont
I. Verschelden ... Farnham, Que

ROAD MASTERS.

T. J. Armstrong ... Smith's Falls, Ont
F. Belkia ... Ottawa, Ont
W. M. Bell ... Farnham, Que
J. R. Brennan ... Ottawa, Ont
P. Chicoine ... Smith's Falls, Ont
H. Dubois ... Three Rivers, Que
J. Gallivan ... Ste. Therese, Que
W. B. Hall ... Smith's Falls, Ont
S. Jeffrey ... Ottawa, Ont
O. Kirkland ... Montreal, Que
T. Landers ... Farnham, Que
A. Legault ... "
T. Netterfield ... Sherbrooke, Que
C. Verner ... Three Rivers, Que
J. C. Walsh ... Montreal, Que
E. S. Taylor, Sig. Supvr. .. Montreal, Que

STANDARD COUPLERS
STANDARD STEEL PLATFORMS
SESSIONS-STANDARD FRICTION DRAFT GEAR
Made by Standard Coupler Co. 110 East 42d St., N.Y.

ACCO

TRADE MARK A·C·C

A PRODUCT OF THE
AMERICAN
CHAIN COMPANY, *Inc.*
in business
for *your* safety

The Symbol of Dependability *in Railroad Chain and Track Specialties*

American Chain Specialties

Sling Chain
Brake Chain
Seal Pin Chain
Dump Car Chain
Connecting Rod Chain
Switch and Safety Chains
Door Operating Chain
Conductor's Signal Chain
Winding Shaft Chain
Wrecking Chain, etc.

Reading Track Specialties

ACCO One-piece Guard Rails
ACCO Drop Forged Guard Rail Clamps
RESCO Cast Steel Guard Rail Clamps
READING Compromise or Step Joints
READING Samson Type Rail Benders
READING Reversible Rail Benders
READING Car and Engine Replacers
READING Replacer Clamps

Write nearest office for literature and quotations

AMERICAN CHAIN COMPANY, *Inc.*

BRIDGEPORT, CONN.

World's Largest Manufacturers of Chain; Electric Welded, Weldless and Fire Welded Chains for every Railway Purpose

District Sales Offices

Boston, Chicago, New York, Philadelphia, Pittsburgh, San Francisco

In Canada: Dominion Chain Company Limited, Niagara Falls, Ontario

CANADIAN PACIFIC—Continued.

139c—Ontario District.

1510 Mls. (Mileage also included in Canadian Pacific Ry. Co., No. 139).

H. C. Grout. Gen. Supt....Toronto, Ont

SUPERINTENDENTS.

H. J. Main.....Toronto, Ont
R. McKillop.... .....“
F. M. Rutter .....London, Ont
R. W. Scott.....Toronto, Ont

ASSISTANT SUPERINTENDENTS.

A. Aitken.....West Toronto, Ont
G. M. Baillie.....Windsor, Ont
N. McMillan.....Toronto, Ont
E. J. Melrose. .....“
J. A. L. Sinclair.....“
W. J. Stinson.....London, Ont
C. H. Towle.....Smith Falls, Ont
W. Tansley. Trans. Asst...Toronto, Ont
H. L. Carpenter. Dist. Elec. “

MECHANICAL.

F. Ronaldson. M. M.....Toronto, Ont

DIVISION MASTER MECHANICS.

A. H. Binns.....Toronto, Ont
E. J. Bowle.....London, Ont
A. E. Palmer.....Toronto, Ont
C. Powers.....“

ENGINEERING, BRIDGES & ROADWAY

B. Ripley, Dist. Eng.....Toronto, Ont
G. H. Davis. Asst. Dist. Eng. “

DIVISION ENGINEERS.

V. A. G. Dey.....West Toronto, Ont
J. A. Irvine.....London, Ont
M. Keily.....Toronto, Ont
L. S. Rudder.....“

BRIDGE AND BUILDING MASTERS.

H. Harrison.....West Toronto, Ont
T. O'Hara.....London, Ont
R. J O'Hearn.....Toronto, Ont
M. J. Trudeau.....“

ROAD MASTERS.

J. T. Cameron.....Toronto, Ont
P. Coakley.....London, Ont
W. Code.....West Toronto, Ont
C. Donnelly.....Kingston, Ont
A. Frost.....Peterboro, Ont
T. Lackey .....London, Ont
C. A. Lampard.....Guelph, Ont
J. McCarthy.....Orangeville, Ont
R. H. Milliken.....Havelock, Ont
J. H. Neely.....London, Ont
F. W. Nicholls.....Lindsay, Ont
W. Noyes.....Trenton, Ont
G. Spicer.....“
G. Sproule.....Orangeville, Ont
G. C. Kirby, Sig. Supvr....Toronto, Ont

139d—Algoma District.

1175 Mls. (Mileage also included in Canadian Pacific Ry. Co., No. 139).

H. J. Humphrey, Gen. Supt.....North Bay, Ont

SUPERINTENDENTS.

W. R. Boucher.....Chapleau, Ont
B. J. Quilty.....Schreiber, Ont
T. A. Wilson.....Sudbury, Ont

ASSISTANT SUPERINTENDENTS.

R. J. Anderson.....Sudbury, Ont
W. E. McGill.....North Bay, Ont

ASST. SUPERINTENDENTS—CONT'D.

W. McMullen.....Schreiber, Ont
F. S. Rosseter .....Chapleau, Ont
F. Davis, Trans. Asst....North Bay, Ont
J. J. Fitzpatrick. Clms. Agt. “

MECHANICAL.

T. Hambley, M. M.....North Bay, Ont

DIVISION MASTER MECHANICS.

J. H. Brooks.....Chapleau, Ont
F. H. Jenkins.....Schreiber, Ont
J. H. Wilson.....Sudbury, Ont

ENGINEERING, BRIDGES & ROADWAY

S. B. McConnell, Dist. Eng. North Bay, Ont

DIVISION ENGINEERS.

E. M. Jelly.....Schreiber, Ont
H. C. Nelson.....Chapleau, Ont
J. M. Silliman.....Sudbury, Ont

BRIDGE AND BUILDING MASTERS.

S. C. Frost.....Chapleau, Ont
J. McCallum .....Sudbury, Ont
E. Patenaude.....Schreiber, Ont

ROAD MASTERS.

J. Coughlin.....Schreiber, Ont
C. J. Frances.....Chapleau, Ont
J. Gagne.....Schreiber, Ont
E. McCrea.....Mattawa, Ont
R. McCrea.....Sault Ste. Marie, Ont
G. A. Owens..... Sudbury, Ont
A. J. Seal.....Mattawa, Ont
K. O. Shepard.....Sudbury, Ont
D. Wilson.... .....Chapleau, Ont

139e—Manitoba District.

2491 Mls. (Mileage also included in Canadian Pacific Ry. Co., No. 139).

A. E. Stevens, Gen. Supt.. } Winnipeg,
F. Elder, Frt. Claim Agt.. } Man.

SUPERINTENDENTS.

R. Armstrong.....Brandon, Man
W. S. Hall.....Winnipeg, Man
A. C. Harshaw.....Souris, Man
A. F. Hawkins (Term.) Ft. William, Ont
J. J. Horn..... .....Kenora, Ont
R. C. Morgan (Term.)..Winnipeg, Man

ASSISTANT SUPERINTENDENTS.

H. J. Coffin.....Winnipeg, Man
J. F. Earl.....Minnedosa, Man
D. J. England .....Winnipeg, Man
R. A. Gamble (Term.).. “
A. G. Hebb.....Souris, Man
W. E. Kingston.....Kenora, Ont
A. A. Smith.....Ignace, Ont
P. F. Weisbrod ... .Brandon, Man
W. B. Harris. Trans. Asst. Winnipeg, Man

MECHANICAL.

F. R. Pennefather. M. M. Winnipeg, Man

DIVISION MASTER MECHANICS.

H. M. Allen.....Kenora, Ont
A. G. Hebb.....Souris, Man
P. S. Lindsay.....Winnipeg, Man
G. Moth.....Brandon, Man
A. M. West..... ...Winnipeg, Man

ENGINEERING, BRIDGES & ROADWAY

J. C. Holden. Dist. Eng., Winnipeg, Man

DIVISION ENGINEERS.

D. C. Chisholm.....Fort William, Ont
G. W. Coburn.....Souris, Man
K. A. Dunphy.....Brandon, Man
T. Martin.....Winnipeg, Man
C. S. Moss (Term.)..... “
S. C. Wilcox.....Kenora, Ont

RIPOLIN

RIPOLIN

THE ORIGINAL HOLLAND ENAMEL PAINT

RIPOLIN

REGISTERED TRADEMARK

The Ripolin Railway Enamel System will provide your equipment with a handsome and extremely durable finish at a minimum cost.

Write us for complete information regarding it

THE GLIDDEN COMPANY

Headquarters for Railway Paints, Varnishes, Enamels, Thining Oils and Laquers

CLEVELAND - - OHIO

GRAHAM-WHITE PERFECT SANDERS

are necessary

on a modern locomotive to enable it to deliver the goods regardless of weather and rail conditions. They are proof against wet sand from leaking joints, sand blasting of parts, clogging of traps and pipes and irregular sand flow.

It will cost you nothing to substitute them for your old equipment. You merely ADVANCE the cost. They quickly and frequently pay for themselves in savings effected in sand, labor and sander repair parts. They insure traction and so permit increased tonnage.

AUTOMATIC SANDERS for Booster Equipped Trailer Wheels.

Manufactured and Sold by

GRAHAM-WHITE SANDER CORPORATION

ROANOKE, VIRGINIA.

CANADIAN PACIFIC—Continued.

139e—Manitoba District—Cont'd.

MASTERS OF BRIDGES AND BUILDINGS.

D. C. Chisholm.....Fort William, Ont
G. W. Coburn.....Souris, Man
R. Dawson.....Winnipeg, Man
H. Ferguson.....Kenora, Ont
A. J. McLeod.....Brandon, Man
C. S. Moss.....Winnipeg, Man

ROAD MASTERS.

A. Anderson.....Broadview, Sask
S. Benson.....Souris, Man
R. M. Binney.....Winnipeg, Man
C. Brynelson..... "
P. Carlson..... "
W. H. Dunlop.....Elm Creek, Man
N. O. Erlandson.....Reston, Man
T. M. Fraser.....Brandon, Man
B. Hardy.....Kenora, Ont
C. H. Johnston.....Brandon, Man
J. Kilpatrick.....Lauder, Man
J. Kissack.....Winnipeg, Man
D. McIntyre.....Fort William, Ont
J. McRae.....Souris, Man
A. Mills.....Winnipeg, Man
S. Rimstad.....Kenora, Ont
A. Rois.....Virden, Man
T. D. Ruggles.....La Riviere, Man
P. Sevick.....Winnipeg, Man
M. J. Skillen.....Fort William, Ont
M. J. Sullivan..Portage la Prairie, Man
I. Vangil.....Ignace, Ont
G. York.....Minnedosa, Man

139f—Saskatchewan District.

2501 Mls. (Mileage also included in Canadian Pacific Ry. Co., No. 139).

W. A. Mather, Gen. Supt. Moose Jaw, Sask

SUPERINTENDENTS.

J. H. Chown.....Regina, Sask
A. Halkett.....Moose Jaw, Sask
J. M. McKay.....Saskatoon, Sask

ASSISTANT SUPERINTENDENTS.

W. M. Ansley.....Regina, Sask
J. A. DeWolfe.....Weyburn, Sask
J. M. Fryers.....Wynyard, Sask
G. S. Lytle.....Wilkie, Sask
W. H. Ruthven.....Moose Jaw, Sask
H. M. Smith..... "

J. A. Berry, Trans. Asst..Moose Jaw, Sask

MECHANICAL.

A. Peers, M. M.....Moose Jaw, Sask

DIVISION MASTER MECHANICS.

J. P. Kelly.....Saskatoon, Sask
E. J. Lemieux.....Regina, Sask
W. G. McPherson.....Moose Jaw, Sask

ENGINEERING, BRIDGES & ROADWAY

J. R. C. Macredie, Dist. Eng.....Moose Jaw, Sask

DIVISION ENGINEERS.

J. M. Campbell.....Moose Jaw, Sask
S. T. Lewis.....Regina, Sask
J. V. McNab.....Saskatoon, Sask

MASTERS OF BRIDGES AND BUILDINGS.

L. Kinshella.....Regina, Sask
R. Sinclair.....Moose Jaw, Sask
F. Taylor.....Saskatoon, Sask

ROAD MASTERS.

D. Bradshaw.....Milden, Sask
W. Christianson.....Sheho, Sask
L. B. Copeland.....Regina, Sask
A. S. Fraser.....Yorkton, Sask
A. Hart.....Wilkie, Sask
C. Johnson.....Saskatoon, Sask
G. Johnson.....Estevan, Sask
O. Koehler.....Swift Current, Sask
C. E. Mattson..... "
J. McKillop.....Imperial, Sask
A. J. G. Murdock.....Assiniboia, Sask
P. O'Connel.....Weyburn, Sask
M. J. Rohne.....Shaunavon, Sask
T. Roulston.....Outlook, Sask
G. Sandstrom.....Regina, Sask
J. Sewell.....Wilkie, Sask
J. W. Slater.....Outlook, Sask
J. Stewart.....Lanigan, Sask
A. Swanson.....Lipton, Sask
A. J. Swanson.....Saskatoon, Sask
E. Wallace.....Weyburn, Sask
A. J. Wolfe.....Regina, Sask
F. A. Young.....Moose Jaw, Sask

139g—Alberta District.

2513 Mls. (Mileage also included in Canadian Pacific Ry. Co., No. 139).

J. M. Cameron, Gen. Supt... } Calgary
R. I. Bodkin, Frt. Clm. Agt.. } Alberta

SUPERINTENDENTS.

G. J. Fox.....Edmonton, Alberta
J. D. Fraine.....Calgary, Alberta
J. L. Jamieson.....Lethbridge, Alberta
J. M. MacArthur, Medicine Hat, Alberta

ASSISTANT SUPERINTENDENTS.

A. Brown.....Calgary, Alta
A. A. Dunphy.....Red Deer, Alta
W. J. McLean.....Medicine Hat, Alta
J. Neill.....Bassano, Alta
J. A. Panter.....Macleod, Alta
C. C. Stibbard.....Lethbridge, Alta
J. H. Scott, Trans. Asst....Calgary, Alta

MECHANICAL.

M. J. Scott, M. M.....Calgary, Alberta

DIVISION MASTER MECHANICS.

A. Brown.....Calgary, Alta
J. W. Keppel.....Edmonton, Alberta
G. H. Nowell.....Lethbridge, Alberta
D. M. Smith.....Medicine Hat, Alberta

E. McCracken, Rd. For. } Medicine Hat,
Eng..... } Alberta

C. J. Powles, Supt. Shops, Ogden, Alberta

ENGINEERING, BRIDGES & ROADWAY

T. Lees, Dist. Eng.....Calgary, Alberta

DIVISION ENGINEERS.

W. L. Codington.....Medicine Hat, Alta
R. C. Harris.....Calgary, Alberta
H. R. Miles.....Lethbridge, Alberta
H. H. Tripp.....Edmonton, Alberta

MASTERS BRIDGES AND BUILDINGS.

A. J. English.....Edmonton, Alberta
D. McTaggart.....Calgary, Alberta
J. B. McTaggart..Medicine Hat, Alberta

ROAD MASTERS.

A. C. Ades.....MacLeod, Alberta
G. Alexander.....Lethbridge, Alberta
N. Bassarab.....Irricana, Alberta
M. Bourne.....Olds, Alberta

PINTSCH LIGHT USED ON 217 RAILROADS The Safety C. H. & L. Co. 2 Rector St., New York.

DU PONT

RAILWAY FINISHES

The DUCO and CEVE PROCESS systems for finishing passenger car equipment are recognized as standard. They represent the combined knowledge of technical, as well as practical, car finishers, the latter process being originally formulated and sold by the Chicago Varnish Company.

DUCO, the standard automobile finish, is being used with marked success by a number of roads on rolling stock.

E. I. duPont de Nemours and Company

Offices—New York, Boston, Chicago. PARLIN, N. J.

MAGOR CAR CORPORATION

Builders and Rebuilders Freight and Miscellaneous Cars

DOMESTIC — EXPORT

Executive and Sales Offices
30 Church St., New York

FACTORY
Passaic, N. J.

CANADIAN PACIFIC—Continued.

139g—Alberta District—Cont'd.

ROAD MASTERS—CONTINUED.

E. Bye.....Wetaskiwin, Alberta
H. W. Clarkson.....Shaunavon, Sask
R. D. Currie.....Leader, Alberta
J. Daem.....Maple Creek, Sask
E. Desharnais...Medicine Hat, Alberta
P. Downey.....Gleichen, Alberta
M. P. Fitzpatrick. Coronation, Alberta
J. T. Garstang.....Manyberries, Alberta
P. Gordon.....Red Deer, Alberta
C. Johnson.....Lethbridge, Alberta
R. Kubiteek..... "
A. Larson.....Banff, Alberta
W. H. McGregor.....MacLeod, Alberta
W. J. Montgomery ..Wetaskiwin, Alta
M. O'Malley.....Irvine, Alberta
T. Riordan.....Calgary, Alberta
R. Sjobeck.....Retlaw, Alberta
A. E. Stewart.....Bassano, Alberta

139h—British Columbia District.

1764 Mls. (Mileage also included in Canadian Pacific Ry. Co., No. 139).

F. W. Peters, Gen. Supt. Vancouver, B.C
C.A. Cotterell, Asst Gen Supt..... "
R.I. Bodkin, Frt. Clm. Agt. "
E. H. Cuddy, Clms. Insp. "
W. E. Cline, Trans. Asst. "

SUPERINTENDENTS.

T. R. Flett.....Cranbrook, B.C
T. C. Macnabb.....Revelstoke, B.C
C. S. Maharg.....Vancouver, B.C
W. O. Miller.....Nelson, B.C

ASSISTANT SUPERINTENDENTS.

W. H. Gordon.....Field, B.C
J. Hopgood.....North Bend, B.C
A. J. Ironside.....Cranbrook, B.C
W.P. Martin..Vancouver Terminals, B.C

MECHANICAL.

W. J. Renix, M. M.....Vancouver, B.C

DIVISION MASTER MECHANICS.

W. H. Evans.....Vancouver, B.C
A. J. Ironside.....Cranbrook, B.C
J. McFadyen.....Nelson, B.C
G. Twist.....Revelstoke, B.C

ENGINEERING, BRIDGES & ROADWAY

F. W. Alexander, Dist. Eng.....Vancouver, B.C

DIVISION ENGINEERS.

C. D. Mackintosh.....Nelson, B.C
T. E. Price.....Vancouver, B.C
J. Robertson.....Cranbrook, B.C
J. H. Soans.....Revelstoke, B.C

BRIDGE & BUILDING MASTERS.

J. Z. Choate.....Vancouver, B.C
D. Swanney.....Revelstoke, B.C

ROAD MASTERS.

J. H. Baker..... North Bend, B.C
H. Beck.....Kaslo, B.C
P. A. Benson.....Mission, B.C
C. Fossett.....Cranbrook, B.C
J. Graham.....Revelstoke, B.C
E. Johnson.....Grand Forks, B.C
O. Larson.....Kamloops, B.C

ROAD MASTERS—CONTINUED.

F. Lind.....Golden B.C
J. N. Murphy.....Bull River, B.C
F. Topham.....Salmon Arm, B.C
H. Vollans.....Vancouver, B.C
E. Walker.....Fernie, B.C
G. Wharton.....Nelson, B.C
H. R. Younger .....Revelstoke, B.C

140—CANANEA CONSOLIDATED COPPER CO.'S RY., THE

32 Mls, 4.8½ & 3 G, 9 Loco, Cars: 137 Frt

¶✠T. Evans, Pres. & Gen. Mgr..... } Cananea, Sonora, Mex.
G. Young, Sec..... "
B. E. Leonard, Supt. & M. M..... "

140a—CANTON R. R. CO., THE

33 Mls, 7 Loco, Cars: 20 Frt

Baltimore address, South & Water Sts
W. B. Brooks, Pres.....Baltimore, Md
E. Tucker, Sec. & Treas... "
M. Shreck, Asst. Sec. & Asst. Treas..... "
C. B. Roeder, G. F. A..... "
¶ W. H. Johnson, Jr., Gen. Mgr..... "
H. M. Diver, Asst. Supt. & Eng..... "
G. H. Greiser, Car Acct... "
C. C. Hamilton, M. M..... "

141—CAPE GIRARDEAU NORTHERN RY. CO.

104 Mls, 4 Loco, Cars: 23 Frt, 5 Pass, 3 Misc

Receivers appointed April 14, 1914.

C. L. Grant, Recr..... } Cape
G. W. Cross, Recr..... } Girardeau, Mo
W. E. Collins, Aud..... "
¶ ✪B. W. Fletcher, Gen. Mgr..... "
H. J. Reynolds, M. M... "
H. A. Mayo, Rd. Mast.....Lithium, Mo

141a—CARBON COUNTY RY. CO.

5 Mls, Equipment owned—none

Salt Lake City address, 603 Clift Bldg.
San Francisco address, 215 Market St.
✠L. F. Rains, Pres..Salt Lake City, Utah
E. V. Wilmar, Aud....San Francisco, Cal
W. C. Miller, Asst. Aud. & Sec.....Provo, Utah
T. E. Banning, Traf. Mgr.....San Francisco, Cal
A. C. Ellis, Jr., Gen. Coun.....Salt Lake City, Utah
¶★D. H. Botchford, Gen. Mgr.....San Francisco, Cal

142—CARLTON & COAST R. R. CO.

14 Mls, 3 Loco, Cars: 1 Pass

✠J. C. Flora, Pres.....Carlton, Ore
G. L. Gardner, V.-Pres..... "
T. Richardson, Sec. & G. F. & P. A..... "
¶ M. C. Brennan, Pur. Agt... "
F. Newland, M. M..... "

142a—CAROLINA R. R. CO.

16 Mls, Cars: 1 Pass

For officials see Kinston Carolina R. R. Co., No. 493.

LOGAN STAYBOLT IRON
LOGAN ENGINE BOLT IRON

Made by a business founded years back and now in the fourth generation which has learned that right materials and great care in manufacture are the essentials to produce high grade results.

LOGAN IRON AND STEEL COMPANY

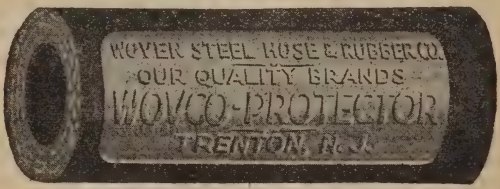
1218 Stephen Girard Building
PHILADELPHIA, PENNSYLVANIA

Rolling Mills at Burnham, Pennsylvania

WOVEN STEEL HOSE & RUBBER COMPANY

Manufacturers of Long Length Moulded Hose
On Reels of approximately 500 feet for Air and Water

Made to Your Specifications if Required



Armored or Plain Locomotive Squirt Hose
Complete with Fittings

Mechanical Rubber Goods—Automobile Brake Lining
TRENTON, N. J., U. S. A.

142b—CAROLINA & GEORGIA RY. CO.
25 Mls, 1 Loco, Cars: 2 Misc
¶★✠✪J. C. Arbogast.. } 408 Oates Bldg., Pres. & Gen. Mgr... } Asheville, N. C
S. F. Chapman, V.-Pres. & Treas. ..... "
F. J. Heazel, Sec..... "
R. B. Horsburgh, Asst. Sec. & Asst. Treas..... "

142c—CAROLINA & NORTHEASTERN R. R. CO. 15 Mls, 2 Loco, 1 Motor
W. C. Rawles, Pres.....Richmond, Va
✪H. S. Lewis, 1 V.-Pres.....Suffolk, Va
¶★✠H. O. Carlton, V.-Pres., Gen. Mgr. & Treas.....Franklin, Va
T. B. Gay, Gen. Coun....Richmond, Va
W. W. Dillon, Aud.....Franklin, Va

143—CAROLINA & NORTHWESTERN RY. CO.
133 Mls, 11 Loco, Cars: 76 Frt, 14 Pass, 16 Misc
Washington address, 1300 Penn. Ave. N. W.
Fairfax Harrison, Pres.....Washington, D. C
G. H. Dugan, V.-Pres.. "
W. A. Corkill, Loc. Treas..Chester, S. C
W. H. Gladden, Aud..... "
V. A. Slaughter, Live Stock Clm. Agt.....Washington, D.C
J. S. King, Frt. Clm. Agt.....Atlanta, Ga
W. E. Nichols, G. F. A..... "
★L. T. Nichols, Supt.....Chester, S.C
¶J. A. Butterworth, Pur. Agt.....Washington, D.C
B. M. Allen, Eng. M. W... "
For other officials see So. Ry. Sys., No. 927

144—CAROLINA, CLINCHFIELD & OHIO RY.
CAROLINA, CLINCHFIELD & OHIO RY. OF SO. CAROLINA.
See Clinchfield R. R. Co., No. 229c.

144a—CAROLINA WESTERN R. R.
6 Mls, — Loco, Cars: — Frt, — Pass, — Misc
J. M. Camp, Pres.....Franklin, Va
J. L. Camp, V.-Pres..... "
P. R. Camp, V.-Pres..... "
B. J. Ray, Sec. & Treas..... "
T. D. Savage, Gen. Coun....Norfolk, Va
J. L. Camp, Jr., Gen. Mgr..Franklin, Va

145—CARO NORTHERN RY.
17 Mls, 2 Motor, Cars: 1 Frt, 1 Pass, 1 Misc
Receiver appointed Sept. 1, 1921.
W. M. Ross, Recr. Mount Enterprise, Tex
C. Ross, Sec..... "
¶★✠F. E. Evans, Mgr. "

146—CARROLLTON & WORTHVILLE R. R. CO. 10 Mls, 2 Loco, Cars: 3 Frt
J. Gale, Pres..... } Carroll-
¶★C. C. Lancaster, Sec., Treas., } ton, Ky
Gen. Aud. & Gen. Mgr..... "
R. L. Booth, Aud. Frt. Accts... "
J. W. Gale, Supt..... "
T. D. Simms, Supt. B. & B. Worthville, Ky

147—CASSVILLE & EXETER R. R.
5 Mls, 1 Loco, Cars: 1 Misc
★✠D. Dingler, Pres. & Gen. Supt.....Cassville, Mo
Ida Dingler, V.-Pres.....Cassville, Mo
B. C. Ault, Treas..... "
¶J. C. Ault, Aud..... "
E. B. Hawk, G. F. A..... "

147a—CASTLEMAN VALLEY R. R. CO.
14 Mls, 2 Loco, Cars: 1 Misc
W. A. Morgart, Pres.....Jennings, Md
L. A. Morgart, Sec..... "

148—CATASAUQUA & FOGELSVILLE R. R. 32 Mls, Cars: 196 Frt
For officials see Reading Company, No. 808

149—CAZENOVIA SOUTHERN R. R. CO., THE 6 Mls, 1 Loco, Cars: 2 Frt, 1 Pass
J. Walsh, Pres.....Cazenovia, Wis
C. B. Scott, V.-Pres..... "
¶★✠F. L. Davis, Sec., Aud. & Act. Gen. Mgr..... "
E. L. Collins, Treas..... "

150—CEDAR RAPIDS & IOWA CITY RY. (Electric).
44 Mls, 4 Loco, Cars: 15 Frt, 11 Pass, 13 Misc
✪W. G. Dows, Pres..... } Cedar
I. B. Smith, V.-Pres., Treas. } Rapids, Ia
& Gen. Traf. Mgr..... "
J. A. Reed, V.-Pres. & Gen. Atty. "
C. S. Woodward, Sec. & Asst. Treas..... "
C. B. Myers, Aud..... "
J. E. Blake, Asst. Gen. Traf. Mgr. "
J. S. Reid, Asst. Traf. Mgr.... "
S. C. Dows, Gen. Mgr..... "
R. S. Cook, Asst. Gen. Mgr... "
E. F. Winslow, Supt..... "
J. Miller, Car Acct..... "
¶C. O. Ingersoll, Pur. Agt..... "
J. M. Drabelle, Mech. & Elec. Eng..... "
J. Munson, M. M..... "
J. D. Wardle, Ch. Eng..... "

150a—CEMENT, TOLENAS & TIDEWATER R. R. CO.
2 Mls, 4 Loco, Cars: 11 Frt, 1 Pass
7 miles additional under construction.
San Francisco Address, 823 Pacific Bldg.
R. B. Henderson, Pres..... } San Fran-
J. A. Keller, V.-Pres..... } cisco, Cal
H. T. Battelle, Sec..... "
W. P. Burgess, Treas..... "
J. H. Colton, Gen. Supt..... "
L. C. Coffey, Supt. Trans...Cement, Cal
¶R. F. Herrod, Pur. Agt. San Francisco, Cal
★A. G. Lang, Ch. Eng... "

151—CENTRAL ARIZONA RY.
24 Mls, 4 Loco, Cars: 100 Frt
T. A. Riordan, Pres. ....Flagstaff, Ariz
M. J. Riordan, Sec..... "
¶★I. B. Koch, Mgr..... "
✠E. A. McNamara, Supt... "

151a—CENTRAL CALIFORNIA TRACTION CO. (Electric).
70 Mls, 4 Mot, Cars: 34 Frt, 8 Pass, 14 Misc
San Francisco address, 9 Main St.
H. Fleischhacker, Pres..... } San Fran-
M. Fleischhacker, V.-Pres.. } cisco, Cal
A. N. Baldwin, Sec..... "
¶✪F. W. Webster, Gen. Mgr. Stockton, Cal
F. L. Carsner, Aud. Frt. & Pass. Accts. & Frt. Clm. Agt..... "

GO TO

INTER-STATE CAR AND FOUNDRY CO.

Indianapolis, Ind.

For twenty-five years we have specialized in selling FREIGHT CARS. We PURCHASE equipment of all kinds from Railroads and Private Car owners and REBUILD, REPAIR and REMODEL into ANY KIND of Car you want.

No better SERVICE can be rendered than ours to the larger Railroads on CONTRACT REPAIRS to FREIGHT CARS.

Our GREY IRON and "ISCAR" Iron Castings are known everywhere for their quality. For Piston Packing Rings, Shoes and Wedges and All Castings subject to excessive wear, our Metal is unequalled.

Our USED EQUIPMENT department offers the most complete SERVICE on all kinds of MACHINERY (Car Shop, Boiler Shop and Machine Shop), CARS, LOCOMOTIVES, CRANES, DERRICKS, POWER PLANTS, TRACK MATERIALS, and, in fact, ANY PIECE of EQUIPMENT used on a Railroad.

We carry SURPLUS STOCKS of new and Used Parts such as NUTS, WASHERS, CASTINGS, FORGINGS, BRAKE-BEAMS, AIR-BRAKES, NAILS, SCREWS, ETC.

We sell the famous "TYM-BER SLAB" Railroad Grade Crossings. These are Creosoted Oak, laminated wood Slabs built to any rail height. They last for years and can be removed and replaced without damage.

Old Switch Points made good as new by the "LY-AL" method. Biggest saving ever offered to Railroads.

Don't buy new items until you have ascertained what we have to offer.

INTER-STATE CAR AND FOUNDRY COMPANY.

151a—CENT. CALIFORNIA TRAC. CO. (Elec.)—Con.
W.P.Jennings, Traf. Mgr..Stockton,Cal
J. J. Hooper, Supt..... "
A. H. Gazin, M. M..... "
A. Maneely, Rd. Mast..... "

152—CENTRAL CANADA RY. CO.
85 Mls, Cars: 3 Misc
For officials see E.,D.&B. C.Ry.,No. 311a

153—CENTRAL INDIANA RY. CO.
127 Mls, 8 Loco, Cars: 47 Frt, 3 Pass
J. Q. Van Winkle, Pres..Anderson, Ind
W. S. Parkhurst, Treas.& G. F. & P. A..... "
R. L. Bradley, Aud..... "
¶ J. E. Spaulding, Supt..... "
M. R. McDaniel, M. M.....Muncie, Ind
J. P. Davis, Eng. M. W...Anderson, Ind

154—CENTRAL NEW ENGLAND RY. CO.
285 Mls, 75 Loco, Cars: 1,015 Frt, 52 Pass, 47 Misc
B. I. Spock, Pres.....New Haven, Conn
G. W. Clark, Asst. Supt.....Poughkeepsie, N. Y
J. E. Dougherty, Rd. For. Eng.....Maybrook, N. Y
SUPERVISORS.
H. B. Butterfield.....Pine Plains, N. Y
H. A. Pellett.....Winsted, Conn
H. P. Spencer.....Poughkeepsie, N. Y
For other officials see N. Y., N. H. & H. R. R., No. 696.

155—

156—CENTRAL RY. CO. OF ARKANSAS
14 Mls, 2 Loco, Cars: 42 Frt, 1 Pass, 1 Misc
✪ W. F. West, Gen. Mgr. & Sec. } Plainview.
¶ ✪ W. W. Aldrich, G. F. & P. } Ark
A. & Aud..... "
R. L. Elliott, Supt..... "
C. Barrick, M. M..... "
H. Coker, Rd. Mast..... "

157—CENTRAL OF GEORGIA RY. CO.
1,921 Mls, 347 Loco, Cars: 9054 Frt, 301 Pass, 541 Misc
EXECUTIVE, FINANCIAL AND LEGAL.
C. H. Markham, Chmn.....Chicago, Ill
L. A. Downs, Pres.....Savannah, Ga
J. G. Corbett, Asst. to Pres. "
J. D. McCartney, Asst. to Pres..... "
A. R. Lawton, V.-Pres.... "
C. T. Airey, V.-Pres. & Traf. Mgr..... "
H. D. Pollard, V.-Pres. & Gen. Mgr..... "
¶ A. C. Mann, V.-Pres.....Chicago, Ill
C. F. Groves, Sec.....Savannah, Ga
H. Leyland, Asst. Sec...New York, N. Y
W. C. Askew, Treas.....Savannah, Ga
H. V. Jenkins, Asst. Treas. "
T. M. Cunningham, Jr., Gen. Coun..... "
H. W. Johnson, Asst. Gen. Coun..... "
J. D. Little, Asst. Gen. Coun. Atlanta, Ga
A. R. Lawton, Jr., Solr.....Savannah, Ga
J. M. Mallory, Gen. Ind. Agt. "
J. F. Jackson, Gen. Agri. Agt. "

ACCOUNTING.
A. R. Lawton, V.-Pres....Savannah, Ga
W. B. McKinstry, Compt.. "
M. F. Harden, Aud..... "
M. B. Nichols, Aud. Disb.. "
H. L. Fulton, Aud. Traf.. "
D. W. Brantley, Car Acct. "
TRAFFIC.
C. T. Airey, V.-Pres. & Traf. Mgr. } Savan-
S. A. Smith, Asst. to V.-Pres. } nah, Ga
& Traf. Mgr..... "
N. B. Wright, Asst. Frt. Traf. Mgr "
F. D. McConnell, G. F. A..... "
W. McN. Knapp, G. F. A. ..... "
ASST. GENERAL FREIGHT AGENTS.
C. D. Chancellor.....Savannah, Ga
F. L. Corwin.....Jacksonville, Fla
W. E. Stewart.....Macon, Ga
F. J. Robinson, G. P. A...Savannah, Ga
ASST. GENERAL PASSENGER AGENTS.
J. W. Blount.....Savannah, Ga
H. L. Fell..... "
OPERATING.
H. D. Pollard, V.-Pres. & Gen. Mgr.....Savannah, Ga
G. L. Candler, Asst. Gen. Mgr..... "
E. H. Daniel, Supt. Trans.. "
Dr. C. Barrow, Ch. Surg... "
C. H. Findley, Ch. Clm. Agt. "
T. F. Smith, Land & Tax Agt. "
H. L. Fairfield, Mail Traf. Mgr. Chicago, Ill
G. S. Gaillard, Frt. Clm. Agt. } Savannah,
J. R. Chew, Supt. Fire Prev. } Ga.
DIVISION SUPERINTENDENTS.
C. Baldwin.....Columbus, Ga
H. Baldwin.....Macon, Ga
M. J. Parr (Term.)..... "
J. Reichert.....Savannah, Ga
M. B. Smith.....Macon, Ga
PURCHASING.
¶ A. C. Mann, V.-Pres.....Chicago, Ill
¶ J. L. Bennett, Pur. Agt...Savannah, Ga
G. W. Alexander, Gen. Str. Kpr.....Macon, Ga
STORE KEEPERS.
W. L. Ector.....Columbus, Ga
A. W. Sowell.....Savannah, Ga
R. P. Watson.....Cedartown, Ga
J. F. McGinley, Sta.....Savannah, Ga
MECHANICAL.
C. L. Dickert, Supt. M. P. Savannah, Ga
E. A. Adamson, M. C. B.. "
A. P. Wells, Eng. Tests.. "
T. A. Johnson, Elec. Eng. "
J. W. Storey, Ch. Draft.. "
MASTER MECHANICS.
W. W. Boulineau..... .Cedartown, Ga
F. N. Burch (Asst.).....Macon, Ga
E. L. Cox (Asst.)..... "
A. J. Flowers..... "
W. A. McCafferty.....Columbus, Ga
S. A. Whitehurst.....Savannah, Ga
W. A. Kline, Gen. Rd. For. Eng..Macon, Ga
ROAD FOREMEN OF ENGINES.
L. Atkinson.....Macon, Ga
F. D. Barnes..... "
J. A. Perkins.....Savannah, Ga
R. Thompson.....Columbus, Ga

Barrett Products

Built-Up Roofs
Barrett Specification Roofs
Other Built-Up Roofs

Roof Flashing Materials
Barrett Flashings
Barrett Plastic Elastigum

Roof Leader Connections
Holt Roof Connections—6 types

Mineral-Surfaced Shingles
(Green Red Blue-Black)
Individual and Strip Shingles

Roll Roofings
Barrett Mineral-Surfaced
Barrett Smooth-Surfaced

Flooring
Tar-Rok Sub-Floors

Car Insulation
Barrett Sheathings
Barrett Deadening Felt

Waterproofing
Tartex for Foundations and Bridges

Wood Preservation
Barrett Carbosota
Barrett Creosote Oil

Roadways and Crossings
Tarvia—For Construction, Repair and Maintenance

Paints
Eternium (Rust-Proofing)
Everjet (Rust-Proofing)
Hydronon (Damp-Proofing)

A Valuable Service—Free

Without charge or obligation a Barrett Service Man will show you how to avoid roof troubles—will explain "stitch-in-time" upkeep methods that will save you expensive repairs in the future.

This free examination service is offered to owners of buildings with roof areas of 5,000 square feet or more that are located east of the Rocky Mountains. Address Inspection Service Department.

THE BARRETT COMPANY, 40 Rector Street, New York City

157—CENTRAL OF GEORGIA—Continued.

GENERAL FOREMEN.

J. M. Estes.....Atlanta, Ga
S. C. Walden.....Albany, Ga

FOREMEN CAR DEPARTMENT.

W. E. Fields.....Macon, Ga
A. F. Gammart.....Savannah, Ga
P. C. Watson.....Columbus, Ga

FOREMEN MACHINE SHOPS.

A. E. Brooks.....Columbus, Ga
G. N. Cagle.....Macon, Ga
G. C. Shivers.....Savannah, Ga

J. T. Sheehan, Gen. Car Insp.....Savannah, Ga
H. H. Morgan, Mast. Paint. "
H. S. Allen, For. Paint.....Macon, Ga

ENGINEERING, BRIDGES & ROADWAY

C. K. Lawrence, Ch. Eng..... } Savannah, Ga
H. F. Sharpley, Prin. Asst. Eng..... "

ASSISTANT ENGINEERS.

C. P. Le Sueur.....Macon, Ga
F. H. Robert..... "
L. C. Stahl.....Columbus, Ga
A. A. Winter.....Savannah, Ga
C. E. Weaver, Eng. M. W. Savannah, Ga
J. B. Maddock, Eng. B. & B. "
C. B. Niehaus, Valua. Eng.. "
H. C. McKee, Supt. Brdgs.. "

SUPERVISORS BRIDGES & BUILDINGS.

W. H. Brooks.....Columbus, Ga
A. M. Dodd.....Macon, Ga
R. H. Gilkey.....Savannah, Ga
J. W. Stephens.....Macon, Ga
S. Youngblood, Gen. For. B. & B.....Savannah, Ga

ROAD MASTERS.

B. R. Burch.....Savannah, Ga
H. G. Carter.....Macon, Ga
R. R. Cummins.....Columbus, Ga
W. R. Golsan.....Macon, Ga

SUPERVISORS TRACK.

R. P. Anderson.....Gordon, Ga
J. F. Baggett.....Griffin, Ga
J. F. Bonner.....Opelika, Ala
G. W. Burney.....Guyton, Ga
S. J. Crawford.....Fort Valley, Ga
O. L. Ellis.....Macon, Ga
W. W. Fail.....Dothan, Ala
F. R. Goulding.....Atlanta, Ga
F. R. Harrison (Asst.)....Columbus, Ga
C. P. Howard.....Union Springs, Ala
J. J. Main.....Eufaula, Ala
J. B. Malnor..... "
L. M. Mills.....Americus, Ga
J. Morgan.....Leeds, Ala
J. C. Pace.....Cedartown, Ga
W. D. Rhoads.....Macon, Ga
S. S. Sasser.....Savannah, Ga
G. W. Tutan.....Columbus, Ga
E. M. Waters.....Cedartown, Ga
W. V. Waters.....Millen, Ga

SIGNAL DEPARTMENT.

E. B. DeMeritt, Sig. Eng. Savannah, Ga
J. H. Deming, Supvr. Sig.....Macon, Ga
L. H. Jacks, Asst. Supvr. Sig. "
D. McCaleb, Sig. Insp.....Savannah, Ga
F. B. Florencourt, Sig. Insp..... "

158—

159—CENTRAL R. R. CO. OF N. J., THE

692 Mls, 597 Loco, Cars: 26,208 Frt, 956 Pass, 926 Misc

New York address, 143 Liberty St.

EXECUTIVE, FINANCIAL AND LEGAL.

W. G. Besler, Pres..... } New York, N. Y.
R. B. White, Sr. V.-Pres.... }
C. H. Stein, Asst. to Sr. V.-Pres. "
T. B. Koons, V.-Pres. (Frt. Traf.)..... "
G. Holmes, Spec. Coun..... "
F. T. Dickerson, Sec. & Treas. "
W. E. West, Asst. Sec. & Asst. Treas..... "
G. M. Banks, Asst. Sec..... "
W. Kohler, Asst. Treas..... "
C. E. Miller, Gen. Atty..... "
L. W. Newcomb, R. E. & Tax Agt..... "
L. M. Hannaford, Asst. R. E. & Tax Agt..... "
A. H. Elder, Gen. Solr..... "
W. H. Falling, Clm. Atty.....Jersey City, N. J

VALUATION.

C. Hansel, Conslt. Valua. } New York, N. Y.
Eng..... }
W. W. James, Valua. Eng..... "
H. Forsyth, Eng. R. of W.... "

ACCOUNTING.

J. A. Taylor, Compt....Jersey City, N. J
J. E. Brokaw, Asst. Compt. "
T. C. Fischer, Acct. Eng.. "
P. L. Anderson, Aud. Pass. Traf..... "
F. M. Snyder, Aud. Frt. Traf..... "
H. L. Peeples, Aud. Disb.. "

TRAFFIC.

W. C. Hope, Pass. Traf. Mgr.....New York, N. Y
B. D. Branch, Asst. Gen. Pass. Agt..... "
A. Hamilton, Frt. Traf. Mgr..... "
N. G. Campbell, Asst. Frt. Traf. Mgr..... "
C. L. Ewing, G. F. A..... "
S. S. Bretz, Asst. G. F. A. "
E. M. Snyder, Asst. G. F. A. "
T. C. Smith, Frt. Clm. Agt "
H. B. Walters, Coal Frt. Agt..... "
H. E. Ruhe, Gen. Bag. Agt. Jersey City, N. J
J. P. Connolly, Supvr Mail Traf..... "
J. McDonough, For. Frt. Agt.....New York, N. Y

OPERATING.

R. B. White, Sr. V.-Pres. New York, N. Y
C. H. Stein, Asst. to Sr. V.-Pres..... "
J. W. Meredith, Gen. Supt.....Jersey City, N. J
C. H. English, Act. Supt. "
A. R. Young, Act. Asst. Supt. "
E. T. M. Carr, Supt.. } E. Long Branch, N. J. / P.O. Long Branch

ELESCO SUPERHEATERS FEED WATER HEATERS THE SUPERHEATER COMPANY NEW YORK CHICAGO

SHERBURNE & COMPANY

53 OLIVER STREET, BOSTON, MASS.

Railroad Supplies

Locomotive and Car Wheel Tires
Steel Tired Wheels and Rolled Steel Wheels
Axles and Forgings, Car Heating and Lighting Equipment
Sherburne Patent Car Door Holders
Hydraulic Jacks and Machinery, Car Lamps, Basket Racks
Hand, Push and Velocipede Cars
Gasoline Engines for all power purposes
Gasoline Engines for operating Turn Tables
Gasoline Air Compressors
Shovels, Scoops, Car Replacers
Engine Replacers, Track Drills
Track Tools, Sherburne Rail Benders
Track Jacks, Lifting Jacks, Nut Locks
Track Spikes, Track Bolts, Track Gauges
Trucks, Barrows, Wire Rope, Switch Ropes
Railroad Fusees and Torpedoes
Headlights, Lanterns, Switch Lamps
Farrington Machines with Mills Attachment
Industrial Railway Equipment
Cotton and Woolen Waste

BRAKEMAN'S AIR BRAKE AND SIGNAL COCKS

For Controlling from rear of trains when backing.

The whistle is blown by pressing the button (B) shown in the cut, which allows air to pass through the hollow handle of the cock to the whistle, which is shown on the end of the handle, blowing the same and giving the necessary alarm.

By moving the handle of the cock in either direction exhaust is made from the train pipe, through opening C, the brake set, and consequent positive control of the train given.

159—CENTRAL R. R. OF NEW JERSEY—Cont'd.
W. Sweeney, Asst. Supt.....Mauch Chunk, Pa
C.E.Montgomery,Supt C. S.....Jersey City, N.J
C. H. Gaffeney, Supt. Tel. "
S. W. Derr, Supt. Din. Cars..... Reading Term. Philadelphia, Pa
T.C.Mulligan,Mgr.Marine Dept.....New York, N.Y
C.L.Hellis, Supt. Marine Dept.....Jersey City, N.J
J. B.Gray, Ch. of Police "

PURCHASING.

¶C.B.Williams, Pur.Agt..New York, N.Y
L. R. Cooley, Gen. Str. Kpr.....Elizabethport, N.J
W. A. Wheeler, Str. Kpr.....Ashley, Pa
O.L.Mussman, Str.Kpr.Jersey City, N.J
J. L. Meredith, Sta..... "

MECHANICAL.

C.E. Chambers, Supt. M. P. & Equip.....Jersey City, N. J
G. W. Rink, Asst. Supt. M. P..... "

MASTER MECHANICS.

J. Love (Asst.).....Mauch Chunk, Pa
W. F. Murray.....Lakehurst, N. J
R. H. Nicholas (Asst.).... Jersey City, N. J.
W. M. Perrine.....
J. D. Young.....Ashley, Pa

ROAD FOREMEN OF ENGINES.

D. Evans.....Ashley, Pa
G. Higgs.....Jersey City, N. J
J. H. Mason.....Mauch Chunk, Pa
T. D. Bevan, Eng. Power Plants.....Jersey City, N.J
C. W. Culver, Works Mgr.. Elizabeth-port, N. J.
T. B. Dickerson, Supt. Loco. Shops..... "

GENERAL FOREMEN.

W. Alter (Car Dept.) Elizabethport, N.J
F.M.Dally (Loco. Rep.).....Ashley, Pa
W. E. Hardy.....Jersey City, N. J
C. VanWhy, Gen. Loco. Insp..... Jersey City, N. J.
W. H. Hall, Ch. Car Insp... "
J. J. Mansfield, Ch. Boiler Insp..... "
H. L. Sandhas, Gen. Insp... "
E.Lundberg, Ch. Elec..... "
W. G. Hoffman, For. Paint.....Elizabethport, N.J

ENGINEERING, BRIDGES & ROADWAY

A. E. Owen, Ch. Eng...Jersey City, N. J
A. M. Zabriskie, Prin. Asst. Eng..... "
R.V.Reamer, Eng.M.W. "
W. Twining, Eng. M. W.... Mauch Chunk, Pa.
J. R.Prizer, Asst.Eng.M.W.
R.D.Martin, Asst.Eng..Long Branch, N.J
S. L. Mapes, Asst. Eng. Jersey City, N. J
J. J. Yates, Brdg. Eng.... "
E.J. Robrecht, Brdg.Insp. "
H. Forsyth, Eng. R. of W. "
H. E. Van Ness, Constr. Eng. "

TRACK SUPERVISORS.

T. H. Egan. .....Somerville, N. J
M. Griffin.....Jersey City, N.J

TRACK SUPERVISORS—CONTINUED.

J. E. O'Donnell... Siegfried, Pa., P. O. Northampton
H. J. Phillips... E. Long Branch, N. J P. O. Long Branch
M. A. H. Scull.....Ashley, Pa

ASSISTANT TRACK SUPERVISORS.

E. T. Anderson.....Mauch Chunk, Pa
T. J. Greeney.....Jersey City, N. J
J. H. Higgins.....Somerville, N. J
J. H. Phillips.....Bridgeton, N. J

SIGNAL DEPARTMENT.

F. W. Bender, Sig. Eng..Elizabeth, N. J

160—CENTRAL R. R. OF OREGON.
16 Mls, 1 Loco, Cars: 4 Frt, 1 Pass

E. Wilcock, Pres..... 164 Federal St., Boston, Mass.
V. T. Hammer, V.-Pres..Branford, Conn
✪C. E. Graham, V.-Pres. & Treas..... New Haven, Conn.
L. B. Tuttle, Sec..... "
A. I. Bideler, G. F. & P. A...Union, Ore
¶✠C. E. More, Gen. Mgr..... "
S. Harn, M. M ..... "

161—162—163—

——✠CENTRAL VERMONT RY.
See Canadian National Ry., No. 137e.

164—CENTRAL WEST VIRGINIA & SOUTHERN R. R. CO.
32 Mls, 5 Loco, Cars: 330 Frt, 5 Pass

Philadelphia address, Liberty Bldg.
R.F.Whitmer, Pres....Philadelphia, Pa
C. Steele, V.-Pres..... "
¶✪A. S. Lindsey, Gen. Mgr. & Pur. Agt..... Hendricks, W. Va.
M. M. Daly, Sec.....Philadelphia, Pa
J. T. Richards, Treas.. "
W. Cunningham, Aud. Hendricks, W.Va
E. A. Morrison, M. M.. "
§ T.J.Murphy, Mast.Carp. "

164a—CENTRAL WISCONSIN RY. CO.
See Fairchild & North-Eastern Ry. Co., No. 328a.

164b—CHAFFEE R. R. CO.
3 Mls, 1 Loco, Cars: 2 Frt, 1 Pass

✪A.B. Crichton, Pres. 1004-1008 U. S. Nat. Bk. Bldg.,
C. T. McCormick, Sec. & Treas..... Johnstown, Pa.
¶★✠W. Crichton, Jr., Gen. Supt.....Vindex, Md

165—CHARLES CITY WESTERN RY. CO. (Electric.)
23 Mls, 3 Loco, Cars: 28 Frt, 5 Pass

E. M. Sherman, Pres..... Charles City, Ia
W. H. Fairbanks, Sec..... "
M. W. Ellis, Treas ..... "
¶✠✪J. F. Christiansen, Aud. & Gen. Mgr..... "
F. Frost, M. M..... "

166—CHARLESTON & WESTERN CAROLINA RY. CO.
343 Mls, 64 Loco, Cars: 1,051 Frt, 42 Pass, 103 Misc

EXECUTIVE, FINANCIAL AND LEGAL.

H. Walters, Ch. of Board. New York, N. Y
F. B. Grier, Pres. & Gen. Solr.....Greenwood, S. C
L. Delano, V.-Pres...Wilmington, N. C.
✪A. W. Anderson, V.-Pres. & Gen. Mgr.....Augusta, Ga

We sell derailing service; we make it our business to help you get good results from every Hayes Derail you have all the time it is in track. There is a Hayes Derail for every need. The sliding type with three point bearing called Model H is in most demand and is the best all around derail. It is for operation by pipe line, by switch stand or direct by hand. Hayes Derails are in wide use on nearly every railroad in North America.

Hayes Track Appliance Co., Richmond, Indiana

MASSACHUSETTS MOHAIR PLUSH COMPANY

BAY STATE BRAND PLUSH

ALL GRADES FOR CAR SEATS

PLAIN AND FRIEZE

Main Office
200 Devonshire St.
Boston, Mass.

Western Branch
1550 McCormick Bldg.
Chicago, Ill.

166—CHARLESTON & WEST'N CAROLINA—Cont'd.

TRAFFIC.

E. Williams, G. F. & P.A...Augusta, Ga
D. H. Crenshaw, Frt. Clm. Agt..... "

OPERATING.

A. W. Anderson, V.-Pres. & Gen. Mgr.....Augusta, Ga
F. M. Doar, Gen. Supt..... "
L. S. Jeffords, Supt. & Eng. M.W..... "
W.L.Humphrey, Supt.C.S. "

PURCHASING.

¶F. H. Fechtig, Pur.AgtWilmington,N.C
J. C. Douglas, Str. Kpr.....Augusta, Ga
C. D. Yarborough, Ch. Tie & Timber Agt...Wilmington, N.C

MECHANICAL.

§ W. F. Kuhlke, Supt. M. P..Augusta, Ga
V. J. Lamb, Gen. For. Car Dept..... "

ENGINEERING, BRIDGES & ROADWAY

A. H. Porter, Valua. Eng..Augusta, Ga

ROAD MASTERS.

C. H. Boring.....Augusta, Ga
C. E. Cope.....Fairfax, S. C
Z. C. Craddock.....Laurens, S. C

For other officials see Atl. Coast Line No. 47

167—

168—CHARLOTTE HARBOR & NORTHERN RY. CO.

102 Mls, 10 Loco, Cars: 296 Frt, 14 Pass, 32 Misc

For officials, see S. A. L. Ry., No. 886.

169—CHARLOTTE, MONROE & COLUMBIA R. R.

18 Mls, 1 Loco, Cars: 1 Pass

C. Lane, Supt.....Cheraw, S. C

For other officials see S.A.L.R.R. No. 886.

170—CHATHAM, WALLACEBURG & LAKE ERIE RY. CO., THE

40 Mls, 4 Loco, Cars: 79 Frt, 10 Pass

R.G.O.Thompson, Pres { 43 Victoria St., Toronto, Ont.
¶★✠✪R. Keemle, V.-Pres. & Gen. Mgr.....Chatham, Ont
H. S. Gausby, Sec. & Treas..... { 43 Victoria St. Toronto, Ont
C. F. Waugh, Aud. & Traf. Mgr..... { Chatham, Ont
A. H. Black, G. F. A. & Acct.. "

171—CHATTAHOOCHEE VALLEY RY. CO. 45 Mls, 4 Loco, Cars: 18 Frt, 5 Pass

G. H. Lanier, Pres.....West Point, Ga
J. M. Jackson, Sec. & Treas..... { 49 Federal St., Boston, Mass
A. H. Halder, Aud.....West Point, Ga
J. L. Pepper, Frt. Clm. Agt. "
¶✪C. E. Wright, Gen. Mgr. "
W. T. Edmonds, Gen. Supt. "
C. W. Samples, Car Acct. "
✠M. P. McCoy, M. M..... "

172—CHAUTAUQUA TRACTION CO., THE

Abandoned, March 20, 1926.

173—CHEAT HAVEN & BRUCETON R. R. CO. 15 Mls, 4 Loco, Cars: 20 Frt

✪J. L. Kendall, Pres..... { Oliver Bldg., Pittsburgh, Pa
J. L. Kendall, Jr., V.-Pres..... "
W. Wallace, Sec..... "
E. Hamstrom, Asst. Treas. & Aud..... "
¶★✠J. L. Canby, Gen. Mgr. "

174—

175—CHESAPEAKE & CURTIS BAY R.R

8 Mls. 2 Loco, Cars: 1 Frt

¶★✠J. P. Connor, Supt...Baltimore, Md

176—CHESAPEAKE & OHIO RY. CO., THE

2,639 Mls, 1,037 Loco, Cars: 55,858 Frt, 476 Pass, 3,104 Misc

Cleveland address, Marshall Bldg.

EXECUTIVE, FINANCIAL & LEGAL.

O.P.VanSweringen, Chmn. Cleveland, O
W. J. Harahan, Pres.....Richmond, Va
M. T. Spicer, Executive Asst. to Pres..... "
E. W. Grice, Asst. to Pres. "
R. S. Marshall, Asst. to Pres..... "
C. S. Lake, Spec. Asst. to Pres..... "
G. B. Wall, V.-Pres..... "
F. M. Whitaker, V.-Pres. (Traf.)..... "
R. N. Begien, V.-Pres. (Oper.)..... "
H. Fitzpatrick, V.-Pres. & Gen. Coun..... "
J.C.Dice, Asst. to V.-Pres. "
A. Trevvett, Sec. & Treas.. { Cleveland O.
H. F. Lohmeyer, Asst. Sec. "
C. C. Michie, Asst. Sec..... { Richmond, Va.
J. A. Hancock, Asst. Treas. "
H. T. Wickham, Adv. Coun. "
H. Taylor, Jr., Gen. Solr..... "
W. S. Bronson, Gen. Atty..... "
H.L.Dunham, Gen. Clm. Agt. "
R. P. Eubank, R. E. Agt..... "
Dr. W. T. Oppenhimer, Ch. Surg..... "
C. E. Bolton, Statistician.... "

VALUATION COMMITTEE.

G. B. Wall, Chman..... { Richmond, Va.
W. S. Bronson, Coun..... "
W. J. Conaty, Supvr. Valua. "
E. M. Thomas, Compt..... "
C. A. Knowles, Valua. Eng.. "
P. H. Lash, Valua. Aud..... "
J.P.Nelson, Spec. Engr. Valua. "

ACCOUNTING.

E. M. Thomas, Compt..... { Richmond, Va.
J. W. Nokely, Gen. Aud... "
C. F. Taylor, Aud. Frt. Traf.. "
T. E. Jenks, Asst. Aud. Frt. Traf..... "
R. M. Hunter, Aud. Overcharge Clms..... "
L. D. Lacy, Aud. Pass. Traf.. "
A.W.Martenstein, Aud. Disb. "
A.L.Mattern, Asst. Aud. Disb. "
L.H.Moseman, Aud. Sta. Accts. "

ESSCO

EXCHANGE SAWMILLS SALES COMPANY
ESSCO
U.S.A.

BETTER STICK TO ESSCO.

Long Leaf Southern Pine Timbers.

DECKING
ROOFING
FRAMING
GRAIN DOORS
BRIDGE STRINGERS

SIDING
LINING
SILLS
SAWN TIES
ALL CAR MATERIAL

EXCHANGE SAWMILLS SALES CO.

Kansas City, U. S. A.

176—CHESAPEAKE & OHIO—Continued.

TRAFFIC.

F. M. Whitaker, V.-Pres. Richmond, Va
W. C. Hull, Asst. to V.-Pres. "
J. D. Potts, Pass. Traf. Mgr. "
T. H. Gurney, G. P. A..... "
V. A. Braunstein, Asst. G. P. A. "
G. Coombs, Asst. G. P. A. . Cincinnati, O
H. S. Calcutt, Supt. Din. Cars.....Covington, Ky
C. Lorraine, Gen. Bag. Agt. } Richmond,
D. Mayer, Mgr. Mail & Exp. } Va.
Traf ..... "
K. T. Crawley, Mgr. Agri. & Ind. Dept..... "
A. P. Gilbert, Frt. Traf. Mgr. "
W. Fitzgerald, G. F. A..... "

ASST. GENERAL FREIGHT AGENTS.

H. P. Hathaway.....Chicago, Ill
O. E. Lowry.....Richmond, Va
H. S. Smith..... "
W. O. Sydnor.....Huntington, W. Va
P. J. Tierney.....Richmond, Va
W. L. Divine, For. Frt. Agt. New York, N. Y
R. B. Falkiner, Asst. For. Frt. Agt.....Chicago, Ill
A. M. Dudley, Gen. Coal Frt. Agt.....Richmond, Va

OPERATING.

R. N. Begien, V.-Pres....Richmond, Va
J. B. Parrish, Gen. Mgr.. "
G. D. Brooke, Asst. to V.-Pres..... "
E. P. Goodwin, Asst. to Gen. Mgr..... "
I. C. Clark, Spec. Asst. to Gen. Mgr..... "

SUPERINTENDENTS OF TRANSPORTATION.

J. W. Davin (Asst.)....Huntington, W. Va
I. D. Irwin (Asst.).....Richmond, Va
A. T. Lowmaster..... "

GENERAL SUPERINTENDENTS.

E. L. Bock.....Huntington, W. Va
J. R. Cary.....Clifton Forge, Va
G. J. Derbyshire.....Peru, Ind
E. I. Ford (Asst. to) . Huntington, W. Va

DIVISION SUPERINTENDENTS.

F. D. Beale.....Richmond, Va
J. F. Briant.....Clifton Forge, Va
H. T. Brown.....Hinton, W. Va
W. S. Butler.....Russell, Ky
J. B. Harris.....Ashland, Ky
L. C. Spengler.....Newport News, Va
W. S. Taylor.....Covington, Ky
H. E. Webb..... Huntington, W. Va

ASST. DIVISION SUPERINTENDENTS.

P. P. Crawford.....Richmond, Va
H. A. Davin.....Logan, W. Va
L. A. Grubbs.....Ronceverte, W. Va

SUPERINTENDENTS OF TERMINALS.

J. A. Barker.....Chicago, Ill
A. Mitchell, Jr.....Lexington, Ky
C. A. Pennington.....Louisville, Ky

SUPERVISORS OF TERMINALS.

F. F. Laird.....Richmond, Va
R. A. Mason.....Columbus, O
W. O. Shields.....Huntington, W. Va
W. L. Booth, Ch. of Yd. & Term Oper.....Richmond, Va
J. E. Teal, Spec. Eng.....Richmond, Va
W. A. Radspinner, Spec. Eng..... "
R. Brooke, Spec. Eng.... "
S. J. Pollock, Car Acct... "

INSPECTORS OF TRANSPORTATION.

M. E. Callihan.....Huntington, W. Va
W. A. Ross..... "

F. J. Ginn, Supt. Agencies.....Huntington, W. Va
J. A. Gleason, Supt. Tel..... } Richmond, Va
J. W. King, Frt. Clm. Agt... }
L. G. Bentley, Gen. Safety Agt. "

PURCHASING AND STORES.

¶ H. C. Pearce, Dir. Pur. & Strs } Richmond, Va.
A. W. Hix, Asst. to Dir. } "
Pur. & Stores..... "
¶ R. M. Nelson, Pur. Agt..... "
W. S. King, Tie & Timb. Agt. "
J. E. Mahaney, Supt. Strs.... "
J. P. Kavanagh, Gen. Str. Kpr.....Huntington, W. Va
W. L. Monning, Asst. to Gen. Str. Kpr... "

ASST. GENERAL STORE KEEPERS.

E. R. Brinton.....Covington, Ky
J. L. Quarles.....Clifton Forge, Va

STORE KEEPERS.

J. L. Beard.....Raleigh, W. Va
A. B. Brackman.....Ronceverte, W. Va
E. T. Campbell.....Russell, Ky
J. Craddock .....St. Albans, W. Va
B. A. Cumbea.....Hinton, W. Va
G. F. Cummings....Peach Creek, W. Va
E. Curtis ....Ashland, Ky
E. Doome.....Shelby, Ky
J. R. Grey..... } Cane Fork, W. Va
P. O. Ohley
W. B. Harris.....Gladstone, Va
J. G. Hilgen.....Richmond, Va
L. M. Krout..... } Stevens, Ky.
P. O. Silver Grove
J. F. Light.....Thurmond, W. Va
G. A. McTyre..... } Fulton, Va.
P. O. Richmond
S. Okrent.....Handley, W. Va
W. C. Pemberton.....Paintsville, Ky
F. M. Phillabaum.....Peru, Ind
C. K. Pitchford.....Newport News, Va
A. J. Portwood.....Cheviot, O
R. H. Rutman (Asst.).....Russell, Ky
W. H. Stowasser.....Covington, Ky
T. C. Sydnor.....Charlottesville, Va
R. M. Taylor.....Boston, Ind
H. L. Thompson.....Lexington, Ky
S. A. Whanger.....Clifton Forge, Va

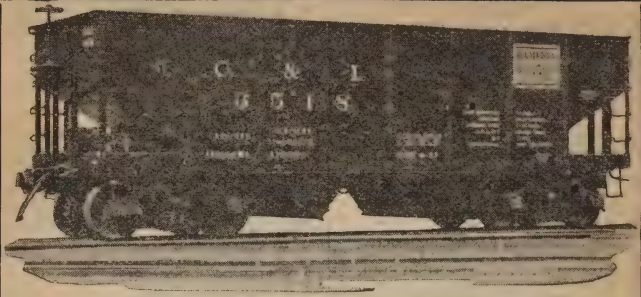
MECHANICAL.

J. W. Small, Ch. Mech. Officer.....Richmond, Va

ASSISTANTS TO CHIEF MECH. OFFICER.

J. A. Farley.....Richmond, Va
L. D. Freeman..... "
J. R. Gould ..... "
C. H. Terrell..... "

L. W. Withrow, Ch. M. P. Insp.....Clifton Forge, Va
S. B. Andrews, Mech. Eng.. } Richmond, Va
——, Eng. Tests..... }



FREIGHT CARS
For Every Service

Ballast
Flat
Gondola
Hopper
Coke
Box
and Tank
Cars
of Every
Class

CAMBRIA Plant of Bethlehem Steel Company at Johnstown, Pa., is fully equipped with every facility for building Ballast, Flat, Gondola, Hopper, Coke, Box and Tank cars for all classes of freight service.

Complete modern equipment combined with long experience in car building, enables us to produce exceptionally good freight cars.

Bethlehem controls the source of supply of the raw materials for the steel used in nearly all the parts of Cambria cars. This insures not only the proper grades of steel but also quick production with resulting prompt deliveries.

BETHLEHEM STEEL COMPANY

General Offices: **BETHLEHEM, PA.**

District Offices:

New York, Boston, Philadelphia, Baltimore, Washington, Atlanta, St. Louis, Pittsburgh, Buffalo, Cleveland, Detroit, Cincinnati, Chicago, San Francisco

BETHLEHEM
CAMBRIA STEEL FREIGHT CARS

176—CHESAPEAKE & OHIO—Continued.

GENERAL MASTER MECHANICS.

T. F. Barton.....Huntington, W. Va
G. H. Langton.....Clifton Forge, Va

MASTER MECHANICS.

C. H. Doebler (Asst.)...Huntington, W. Va
E. R. Dowdy (Asst.)..{ Fulton, Va / P. O. Richmond
W. M. Evans.....Russell, Ky
H. C. Gillespie.....Huntington, W. Va
C. B. Hitch.....Covington, Ky
W. P. Hobson.....Ashland, Ky
R. G. McKee.....Peru, Ind
F. B. Moss.....Richmond, Va
G. W. Robertson.....Hinton, W. Va
J. S. Williams.....Clifton Forge, Va

ROAD FOREMEN OF ENGINES.

H. A. Bess.....Russell, Ky
J. J. Callihan.....Huntington, W. Va
J. R. Cary, Jr.....St. Albans, W. Va
W. H. Eakin.....Clifton Forge, Va
W. M. Fite.....Robbins, O
C. L. Gilmore.....Huntington, W. Va
W. L. Glass.....Hinton, W. Va
J. M. Gooch.....Raleigh, W. Va
W. M. Green.....Paintsville, Ky
J. E. Hinebough.....Clifton Forge, Va
W. F. Johnston.....Newport News, Va
G. N. Larson.....Richmond, Va
A. W. Leibfarth.....Peru, Ind
G. W. Lloyd (Asst.).....Covington, Ky
C. T. Markli.....Peru, Ind
C. A. Milam.....Russell, Ky
W. A. Mordica.....{ Shelby, Ky / P. O. Shelbiana
C. C. Perkins.....Richmond, Va
R. E. Robinson.....Hinton, W. Va
G. H. Saunders.....Ashland, Ky
W. W. Shelton.....{ Stevens, Ky., / P. O. Silver Grove
E. G. Strank.....Clothier, W. Va
A. R. Thompson.....{ Cane Fork, W. Va / P. O. Ohley
P. D. White.....Charlottesville, Va
C. H. Womack.....{ Peach Creek, W. Va / P. O. Logan

E. A. Murray, Shop Supt.....Huntington, W. Va
D. B. Waterfield, Shop Eng. { Richmond, Va
G. W. Bebout, Elec. Eng.....
H. C. Peterson, Elec. Eng... "
P. Maddox, Supt. Car Dept.. "
C. W. Maddox, Ch. Car Insp. "
E. C. Ellis, Gen. Pass. Car Insp.
J. D. Clark, Fuel Supvr..... "
A. L. Moler, Supvr. Lubri... "
W. F. Freutel, Supvr. Train Light..... "
C. W. Nelson, Supvr. Train Control..... "
A. R. Thompson, Supvr. Power Plants..... "
E. R. Hall, Rd. For. Elec.... "
R. E. Anderson, Gen. Air Brk. Insp..... "
J. H. Burrus, Air Brk. Instr. "
M. Branch, Supvr. Tools. { Huntington, W. Va.
A. B. Chapman, Supvr. Weld..... "

E. L. Thomas, Gen. Mast. Boilermaker.....Richmond, Va
W. T. Newell, Supvr. Float. Equip.....Newport News, Va
J. R. Brooks, Supvr. Loco. & Train Supplies.....Richmond, Va

GENERAL FOREMEN.

P. Beavers.....Russell, Ky
H. A. Brightwell.....Thurmond, W. Va
C. T. Bryant.....Peru, Ind
F. R. Butler.....Lexington, Ky
T. H. Carson.....Ashland, Ky
E. L. Carter.....Newport News, Va
J. D. Davenport.....Charlottesville, Va
E. C. Driscoll.....Ronceverte, W. Va
S. P. Farmer.....{ Cane Fork, W. Va / P. O. Eskdale
R. K. Flanagan...{ Peach Creek, W. Va. / P. O. Logan
C. E. Gigley.....Cheviot, O
E. M. Gillespie.....Weeksbury, Ky
W. V. Hinerman.....Covington, Ky
W. P. Huntley.....Ashland, Ky
J. M. Mannix.....Raleigh, W. Va
G. E. McLaughlin.....Handley, W. Va
C. W. Mehurin.....Gladstone, Va
J. K. Millholland.....{ Shelby, Ky., / P. O. Shelbiana
J. Peck.....Boston, Ind
J. P. Pye.....{ Stevens, Ky., / P. O. Silver Grove
L. P. Reed.....Russell, Ky
H. L. Strow.....Paintsville, Ky
T. J. Wheatley.....St. Albans, W. Va

GENERAL FOREMEN LOCOMOTIVE DEPARTMENT.

W. J. Ahearn.....Richmond, Va
F. B. Downey.....Huntington, W. Va
J. E. Garretson.....Hinton, W. Va
F. J. Topping.....Clifton Forge, Va

GENERAL FOREMEN CAR DEPARTMENT.

M. E. Collins.....Russell, Ky
L. E. Franck.....Richmond, Va
J. Hood.....{ Stevens, Ky / P. O. Silver Grove
C. V. Ratcliff.....Huntington, W. Va

FOREMEN CAR DEPARTMENT.

J. W. Blake.....Russell, Ky
J. B. Carter.....Huntington, W. Va
W. A. Davies..... "
G. K. Little.....Newport News, Va
J. A. McDonald.....Richmond, Va
T. R. Mock.....Lexington, Ky
E. S. Taylor.....Hinton, W. Va
S. L. Taylor.....{ Stevens, Ky., / P. O. Silver Grove
H. M. Vise.....Clifton Forge, Va
J. H. Warren.....{ Fulton, Va., / P. O. Richmond
W. W. Wilson.....Peru, Ind

GENERAL CAR INSPECTORS.

W. E. Slack.....Huntington, W. Va
G. H. Taylor.....Richmond, Va
L. S. Ward.....Covington, Ky
O. F. Weik.....Ashland, Ky

FOREMEN PAINTERS.

C. B. Guendling.....Peru, Ind
C. B. Harwood.....Huntington, W. Va
F. Kautter.....Covington, Ky
J. W. Quarles.....Richmond, Va

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York - Chicago

GARLOCK

Why the Trade-Mark

A Trade-Mark is the symbol showing the origin or source of the article to which it is affixed. It is also a guarantee to the purchaser of the manufacturing skill of the owner, the quality of the goods and the correctness of the weight and size of the article.

The Garlock Trade-Mark, which appears either on the package containing the packing or the commodity itself, is not only emblematic of all the above stipulations but immediately signifies the product is "Quality Controlled."

All Garlock Trade-Marked Packings are manufactured complete from the crude to the finished product in our own factories. They are built for economical Mechanical Packing Service by skilled craftsmen.

The caliper and rule enclosing the Diamond and the word GARLOCK are registered Trade-Marks of the Garlock Packing Company. Each is known as "The Emblem of Quality and the Insignia of Service." They are the distinguishing marks of first class merchandise honestly manufactured.

THE GARLOCK PACKING CO.

Manufacturers of

RAILROAD MECHANICAL PACKINGS

PALMYRA, NEW YORK

Sales Branches and Warehouses in all Principal Railroad Centers

The Standard Packing of the World

176—CHESAPEAKE & OHIO—Continued.

F. A. Starr, Supvr. Reclamation.....Richmond, Va

ENGINEERING, BRIDGES & ROADWAY

C. W. Johns, Ch. Eng.....Richmond, Va
I. L. Pyle, Asst. to Ch. Eng. "
L. B. Allen, Supt. M. W... "
C. J. Geyer, Asst. Supt. M. W. "
H. Frazier, Consit. Eng... "
J. F. Lockwood, Supvr. Brdg. Erection..... "
W. H. Sparks, Gen. Insp. Trk. Russell, Ky
W. J. Whipple, Gen. Insp. Trk } Richmond, Va
A. C. Copland, Office Eng. }
C. Miller, Brdg. Eng..... "
F. W. Droste, Asst. Eng..... "
W. C. Pinschmidt, Asst. Eng. "
E. L. Wigglesworth, Gen. Supvr. Painting..... "
C. A. Bahen, Supvr. Sta. Grounds. "
W. Constance, Supvr. Reclam..... } Barboursville, W. Va.
C. R. Smith, Supvr. M. W. Reports.....Richmond, Va
C. H. R. Howe, Cost Eng. "

DISTRICT ENGINEERS.

L. T. Nuckols.....Ashland, Ky
E. G. Rice.....Clifton Forge, Va
H. L. Vandament...Huntington, W. Va

DIVISION ENGINEERS.

A. E. Botts.....Huntington, W. Va
H. M. Church..... ....Hinton, W. Va
B. V. Davis..... .....Peru, Ind
T. H. Greene.....Clifton Forge, Va
D. Hubbard.....Covington, Ky
R. W. Mumford.....Ashland, Ky
S. H. Pulliam .....Richmond, Va

ASSISTANT DIVISION ENGINEERS.

H. A. Bertram.....Peru, Ind
L. J. Drumeller.....Richmond, Va
M. I. Dunn.....Huntington, W. Va
A. Hess (Act.).....Ashland, Ky
J. E. Hogan.....Hinton, W. Va
H. L. McCutcheon.....Covington, Ky
A. W. White.....Shelby, Ky
C. H. Zentmyer.....Clifton Forge, Va

J. E. King, Gen. Supvr.

B. & B.....Richmond, Va

SUPERVISORS OF BRIDGES & BUILDINGS.

T. H. Allen.....Hinton, W. Va
E. E. Bell.....Ashland, Ky
I. Garrison.....Richmond, Va
F. M. Griffith.....Covington, Ky
W. A. Hutchinson , (Asst.).....Clifton Forge, Va
T. W. King.....Huntington, W. Va
C. C. Leake.....Newport News, Va
C. L. Marks (Asst.).....Richmond, Va
W. F. Rippetoe.....Ronceverte, W. Va
F. H. Smythe.....Peru, Ind
W. H. R. Terry.....Clifton Forge, Va
R. L. Wellman (Asst.) Huntington, W. Va

SUPERVISORS OF TRACK.

W. E. Amburgy.....Martin, Ky
J. H. Arthur.....Covington, Ky
W. L. Bennett.....Thurmond, W. Va
J. L. Brightwell....Huntington, W. Va
R. R. Burchett.....Logan, W. Va
L. D. Burdette.....Gordonsville, Va

SUPERVISORS OF TRACK—CONTINUED.

C. E. Butcher..... } Cane Fork, W. Va
P. O. Eskdale
J. T. Butcher.....Madison, W. Va
L. E. Crance.....Clifton Forge, Va
V. T. Douglas.....Richmond, Va
E. J. Eastin.....Richmond, Ind
L. F. Frazier.....Mount Sterling, Ky
R. H. Gibson.....Clifton Forge, Va
L. C. Grubbs .....Pikeville, Ky
J. Henzmann.....St. Albans, W. Va
E. J. Holesapple.....Marlinton, W. Va
B. Jackson.....Whitesville, W. Va.
G. J. Johnson.....Paintsville, Ky
J. D. Kelley.....Russell, Ky
G. W. Martin.....Catlettsburg, Ky
W. P. Nichols.....Raleigh, W. Va
J. F. Painter.....Clifton Forge, Va
R. C. Patton.....Hinton, W. Va
J. H. Poindexter.....Richmond, Va
D. F. Ramsey .....Maysville, Ky
E. J. Rohr.....Cheviot, O
S. V. Rousey.....West Hamlin, W. Va
S. Ryan.....Peru, Ind
G. R. Smith.....Newport News, Va
C. A. Snodgrass.....Williamsburg, Ind
W. S. Spencer.....Barboursville, W. Va
C. A. Stanley (Asst.)..Gordonsville, Va

R. C. Bardwell, Supt. Water Supply.....Richmond, Va

INSPECTORS OF WATER SUPPLY.

E. N. Bishop (Asst.)..Huntington, W. Va
D. E. Bray (Asst.).....Richmond, Va
W. Gilbert.....Huntington, W. Va
F. M. Humphries.....Richmond, Va

SUPERVISORS OF WATER SUPPLY.

J. H. Bishop.....Covington, Ky
C. E. Brightwell....Huntington, W. Va
E. L. Cales.....Hinton, W. Va
F. W. Craft.....Clifton Forge, Va
R. N. Johnson.....Richmond, Va
J. W. Price.....Ashland, Ky

S. C. Johnson, Chemist.. } Huntington, W. Va.
H. E. Silcox, Asst. Eng.. }

SIGNAL DEPARTMENT.

B. T. Anderson, Supt. Sig..Richmond, Va
C. A. Taylor, Asst. Supt. Sig. "
D. K. Roll, Gen. Sig. Insp... "
J. C. Lummis, Sig. Insp..... "
E. P. Garrison, Sig. Insp... "
T. B. Ramsey, Sig. Insp.....Huntington, W. Va

SUPERVISORS OF SIGNALS.

F. A. Ford.....Clifton Forge, Va
H. E. Johnson.....Richmond, Va
R. K. Johnson.....Peru, Ind
W. E. Kipp.....Covington, Ky
C. Persinger..... .....Hinton, W. Va
S. R. Thompson.....Huntington, W. Va

177—CHESAPEAKE BEACH RY. CO.

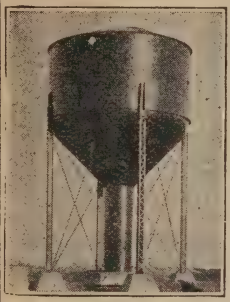
28 Mls, 6 Loco, Cars: 28 Pass, 8 Misc

Washington address, 1420 New York Ave.

S. Penrose, Pres. Colorado Springs, Col
¶ ✪★✠ W. J. Hayward, V.-Pres.. Treas. & Gen. Mgr. Seat Pleasant, Md
J. M. Rector, Sec., Asst. Treas. & Aud.....Washington, D. C

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

HORTON CONICAL-BOTTOM STEEL TANKS



Absolutely fire proof.

Cannot rot and weaken.

Require very little maintenance.

A better investment in the long run.

The conical bottom and washout valve permit easy sludge removal.

Excellent appearance.

Can be located anywhere.

CHICAGO BRIDGE & IRON WORKS

Chicago - - 2119 Old Colony Bldg.
New York - 3143 Hudson Term. Bldg.
Cleveland - 2218 Union Trust Bldg.
Dallas - 1637 Praetorian Bldg.
Atlanta - - 1015 Healy Bldg.
San Francisco - 1010 Rialto Bldg.

VAUGHAN SWITCH HEATERS

will keep a switch free from snow and ice at an average cost of from six to ten cents per hour,—are extremely simple,—and can be applied to a switch in a few minutes by unskilled labor. They burn illuminating gas,—are portable,—and require no attention after lighting.

VAUGHAN RAIL BENDER (AN IMPROVED SAMSON)

Screw kept thoroughly lubricated and protected from dirt or injury by metal screw housing. More efficient and will outwear two old style Samson Benders.

VAUGHAN GUARD RAIL CLAMPS. TIE PLATE GUARD RAIL FASTENERS. SPECIAL TRACK APPLIANCES.

M. W. SUPPLY COMPANY,

REAL ESTATE TRUST BLDG. PHILADELPHIA, PA.

178—CHESAPEAKE WESTERN RY.
41 Mls, 4 Loco, Cars: 10 Pass
New York address, 288 W. 73d St.
✪W. E. D. Stokes, Pres.
& Gen. Mgr.....New York, N. Y
A. H. Gleason, V.-Pres.. "
E. Van Etten, V.-Pres.. "
L.S.Petrie, Sec.& Treas. "
¶★✠✪G.A.Loker, Aud., Loc. Treas., Traf. Mgr., Supt. & Pur. Agt..... Harrisonburg, Va.

178a—CHESTERFIELD & LANCASTER R. R.
38 Mls, 2 Loco, Cars: 5 Frt, 3 Pass, 1 Misc
C. Lane, Supt.....Cheraw, S. C
For other officials see S. A. L. Ry. No. 886.

179—CHESTNUT RIDGE RY. CO.
13 Mls, 3 Loco, Cars: 3 Frt, 11 Pass
New York address, 160 Front St.
J. E. Hayes, Pres..... New York, N. Y.
E. Palmer, V.-Pres..... "
A. B. Schultz, Sec..... "
R. G. Hudson, Asst. Sec.... "
H. S. Wardner, Treas..... "
W.P.Sutphen, Asst. Treas... "
A. F. Ritter, Aud. & G. F. & P. A.....Palmerton, Pa
✠F.N.Spencer, Gen. Mgr. New York, N. Y
W. M. Kelsey, Asst. Gen. Mgr. Palmerton, Pa
★C. N. Pettit, Supt..... "
¶W. J. Lee, Pur. Agt.....New York, N. Y

179a—CHESWICK & HARMER R. R. CO. 5 Mls, 1 Loco, Cars: 35 Frt
E. E. Hamilton, Pres... 435 6th Ave.,
W. B. Carson, V.-Pres.. Pittsburgh, Pa
E. W. Washabaugh, Sec.. "
C. J. Braun, Jr., Treas... "
C. S. Mitchell, Compt.... "
¶★✠C. W. Gibbs, Gen. Mgr. Harwick, Pa

180—CHICAGO & ALTON R. R. CO.,
THE. 1,052 Mls, 331 Loco, Cars: 13,688 Frt, 220 Pass, 729 Misc
Receivers appointed August 31, 1922.
Chicago address, 340 West Harrison St.
EXECUTIVE, FINANCIAL AND LEGAL.
W. W. Wheelock, Recr.....Chicago, Ill
W.G.Bierd, Recr..... "
A. P. Titus, Ch. Oper. Officer "
S. G. Lutz, Ch. Traf. Officer.. "
J. Williams, Sec. & Treas... "
C. L. Rohde, Asst. Sec. & Asst. Treas..... "
S.H.Strawn, Coun. for Recr. "
H. F. Green, R.E.& Tax Agt. "
P. C. Archer, Gen. Clm. Agt. "

ACCOUNTING.
E. S. Benson, Compt.....Chicago, Ill
C. D. Sipe, Asst. Compt..... "
C. H. Nutt, Aud. Frt. Accts.. "
F. B. Smith, Aud. Pass. Accts. "

TRAFFIC.
S. G. Lutz, Ch. Traf. Officer..Chicago, Ill
J. A. Behrle, Frt. Traf. Mgr. "
G. J. Charlton, Pass. Traf. Mgr..... "
W. H. Abel, G. P. A.....Chicago, Ill
C. R. Davidson, Asst. G. P. A. "
S. A. Williams, G. F. A.... "
L. A. Behrle, Asst. G. F. A.. "
C. M. Teschmacher, Asst. G. F. A..... "
M. W. Dancy, Asst. G. F. A. & P. A.....St. Louis, Mo
W. J. Alexander, Gen. Mail & Bag. Agt.....Chicago, Ill
J. L. Harris, Mgr. Perish. Traf..... "

OPERATING.
A.P. Titus, Ch. Oper. Officer. Chicago, Ill
W. H. Penrith, Gen. Supt.....Bloomington, Ill
J. L. Marquette, Supt..Kansas City, Mo
S. P. Henderson, Supt. Bloomington, Ill
J. J. Butler, Asst. Supt...Springfield, Ill
C. W. Bearden, Supt. Transp.....Bloomington, Ill
A. Grant, Supt. C. S.....Chicago, Ill
X. H. Cornell, Supt. Term... "
S. U. Rhymer, Supt. Tel. & Sig. Eng.....Bloomington, Ill
F. W. McIntosh, Supt. Din. Car Serv.....Chicago, Ill

PURCHASING.
¶J. F. Marshall, Pur. Agt....Chicago, Ill
F. C. Riley, Gen. Str. Kpr.. Bloomington, Ill.
H. O. Wolfe, Asst. Gen. Str. Kpr..... "
E.L.Murphy, Trav. Str. Kpr. "
D. Delaney, Sta..... "
F. Swearengin, Tie & Timber Agt.....St. Louis, Mo

DIVISION STORE KEEPERS.
F.W. Burkholtz.....Bloomington, Ill
W. C. Burns..... Glenn, Ill. P. O. Summit
S. F. Doran.....Kansas City, Mo
E. Fox.....Venice, Ill
T. W. O'Connor.....Ridgely, Ill
W. S. Regur..... Brighton Park, Ill P. O. Chicago
G. H. Wall.....Slater, Mo
I. V. Wilkerson.....Roodhouse, Ill

MECHANICAL.
G. W. Seidel, Supt. M. P. & E. Bloomington, Ill
G. C. Seidel, Mech. Eng..... "
C. S. Branch, M. M..... "
G. W. Ray, M. M.....Slater, Mo

ROAD FOREMEN OF ENGINES.
A.C. Bruning.....Roodhouse, Ill
E. B. Detrick.....Springfield, Ill
M. Meatyard.....Bloomington, Ill
R. M. Nugent.....Slater, Mo
J. J. Siegfried.....Bloomington, Ill

P. W. Helwig, M. C. B..... Bloomington, Ill.
H. B. Nelson, Shop Supt.... "
C. M. House, Gen. Car For... "
L. P. Welsh, Gen. Erect. For. "
J. Schneeberger, Gen. Mech. For..... "
T. M. Mullinix, Loco. For....Slater, Mo

FOREMEN LOCOMOTIVE REPAIRS.
J. E. Burke.....Joliet, Ill
T. Connors.....Francis, Mo

Berry Brothers' Railway Varnishes

LOCOMOTIVE BLACK is a finish of unusual merit for Locomotives where the best attainable finish is wanted. It possesses extreme elasticity, dries quickly, covers well, spreads easily and produces a brilliant and durable finish that will withstand extreme heat and weather exposure.

BERRY BROTHERS
(INCORPORATED)
World's Largest Varnish Makers

W. F. BARTZ, Manager Railway Department

Detroit -:- San Francisco -:- Walkerville, Ont.

MILLER TRAIN CONTROL

WITH FORESTALLING FEATURE

SUCCESSFUL 10 YEAR RECORD ON A FULL ENGINE DIVISION, GIVING SATISFACTORY SERVICE TO ITS USERS, AND APPROVED BY I. C. C.

EASIEST AND CHEAPEST TO INSTALL AND MAINTAIN, WITH MAXIMUM FLEXIBILITY OF OPERATION.

EASILY ADAPTED TO MEET THE REQUIREMENTS OF INDIVIDUAL ROADS.

MILLER TRAIN CONTROL CORPORATION

Washington, D. C. 614 Albee Bldg. | Staunton, Va. | Danville, Illinois 19 West Harrison St.

180—CHICAGO & ALTON—Continued.

FOREMEN LOCOMOTIVE REPAIRS—CONT'D.

A. H. Dickens.....Dwight, Ill
F. D. Hawkins.... { Brighton Park, Ill., P. O. Chicago
C. D. Huffines.....Roodhouse, Ill
L. B. Larson.....Kansas City, Mo
T. J. Maroney.....Venice, Ill
G. Salmon.....Bloomington, Ill
M. Vasconcellos.....Ridgely, Ill
G. Waltemade..... { Glenn, Ill., P. O. Summit

S. A. Dickson, Asst. Supvr. Fuel & Lubrication..... { Springfield, Ill
G. McGlone, Mech. & Air Brake Instr .....Bloomington, Ill
L. O. Gunderson, Chem. Eng..... "
J. H. Whittington, Mast. Car & Loco. Paint..... "

ENGINEERING, BRIDGES & ROADWAY

R. A. Cook, Ch. Eng.....Chicago, Ill
J. R. Hoagland, Valua. Eng. "
W. F. Rech, Brdg. Eng..... "
R. H. Washburn, Asst. Eng.....Springfield, Ill
W. T. Biggs, Asst. Eng. Bloomington, Ill
C. A. Stelle, Res. Eng.....Chicago, Ill
M. Donahoe, Gen. Supvr. Maint. "
E. Gephart, Gen. Supvr. B & B .....Bloomington, Ill
C. E. Horrom, Supvr. B. & B...Slater, Mo
S. J. Gilbertson, Asst. Supvr. B. & B..... .Springfield, Ill

ROAD MASTERS.

J. P. Corcoran.....Bloomington, Ill
F. L. McMillan..... "
M. H. Murphy.....Slater, Mo

SUPERVISORS.

C. Ballard.... .....Bloomington, Ill
G. Bledsoe.....Mexico, Mo
W. E. Frazier.....Springfield, Ill
M. Laffey..... "
J. F. Markert.....Joliet, Ill
G. Meyers.....Slater, Mo
M. H. O'Brien .....Dwight, Ill
E. Porter.....Mexico, Mo
J. Watson .....Alton, Ill

SIGNAL DEPARTMENT.

S. U. Rhymer, Sig. Eng. & Supt. Tel..... { Bloomington, Ill
M. J. Rhymer, Sig. Insp..... "

SIGNAL SUPERVISORS.

C. Kies.....Bloomington, Ill
T. Rumans.....Marshall, Mo
H. C. Sampson.....Bloomington, Ill

181—CHICAGO & CALUMET RIV. R. R. CO. 20 Mls, 6 Loco, Cars: 44 Frt

F. M. Garland, V.-Pres. McKee's Rocks, Pa
F. A. Harper, Treas.....Chicago, Ill
E. F. Guthridge, Sec. & Aud. "
T. F. Dooley, Gen. Frt. Agt. "
¶★✠M. Pryor, Supt..... "

182—CHICAGO & EAST'N ILL. RY. CO.
945 Mls, 348 Loco, Cars: 22,312 Frt, 293 Pass, 363 Misc
Chicago address, 332 So. Michigan Ave.
New York address, 61 Broadway.

EXECUTIVE, FINANCIAL AND LEGAL

J. W. Platten, Chman Bd. New York, N.Y
T. C. Powell, Pres.....Chicago, Ill
J. B. Ford, V.-Pres..... "
F. G. Nicholson, V.-Pres. & Gen. Mgr..... ..... "
W. H. Lyford, V.-Pres. & Gen. Coun..... "
J. P. Reeves, Treas..... "
F. W. Krohn, Asst. Treas.. "
G. A. Burget, Sec..... "
R. F. Brown, Asst. Sec..New York, N.Y
R. L. Williams, Asst. Sec...Chicago, Ill
H. T. Dick, Gen. Solr..... "
F. R. Austin, Compt..... "
W. A. Ragel, Asst. Compt.. "
E. E. O'Reilly, Aud. Frt. & Pass. Accts..... "

TRAFFIC.

J. B. Ford, V.-Pres..... { Chicago, Ill.
E. H. Batchelder, G. P. A..... { "
E. S. Stephens, G. F. A..... "
F. E. Webster, G. F. A..... "
J. J. Clark, Asst. G. F. A..... "
L. Fuller, Gen. Agri. Agt...Danville, Ill
G. H. Kummer, Gen. Coal Agt. { Chicago, Ill.
E. L. Duncan, Mgr. Mail & Bag-Traf.. ..... { "
H. H. Eldridge, Frt. Clm. Agt... "

OPERATING.

F. G. Nicholson, V.-Pres. & Gen. Mgr... .....Chicago, Ill
J. F. Lord, Asst. to Gen. Mgr. "
C. B. Anderson, Supt. Trans. "
J. T. Cunningham, Car Acct. "
C. McCormack, Supt. Tel...Danville, Ill

DIVISION SUPERINTENDENTS.

J. O. Bell .....Danville, Ill
E. R. Glidden.....Evansville, Ind
S. S. Huffman (Asst.).....St. Louis, Mo
P. S. Sampson.....Salem, Ill
F. H. Rutherford, Supt. Term..... { Dearborn Sta. Chicago, Ill.
Dr. W. H. Bohart, Ch. Surg..Chicago, Ill

PURCHASING.

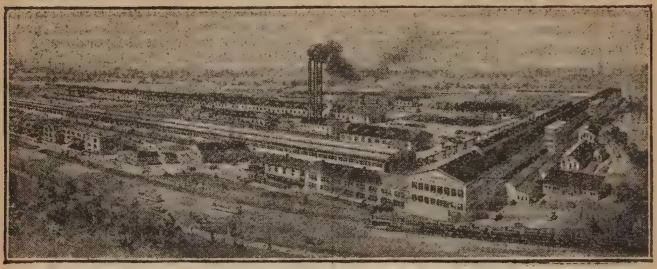
¶J. H. Beggs, Pur. Agt.....Chicago, Ill
L. J. Ahlering, Gen. Str. Kpr. Danville, Ill
W. M. Robertson, Trav. Str. Kpr..... "

DISTRICT STORE KEEPERS.

A. J. Boink.....Salem, Ill
E. B. Doney.....Villa Grove, Ill
R. C. Gerrard..... { Yard Center, Ill P. O. Dolton.
H. L. Hudson.....Terre Haute, Ind
W. Shuman..... .....Evansville, Ind
G. O. Lake, Stationer.....Chicago, Ill
T. J. Ryan, Ch. Timb. Insp...Marion, Ill
C. N. Lammers, Supvr. Reclamation.....Danville, Ill

MECHANICAL.

L. S. Kinnaird, Supt. M. P..Danville, Ill
S. A. Schickedanz, Mech. Eng. "
C. J. Wymer, Supt. Car Dept "



THE PLANT TO BUILD YOUR FREIGHT CAR EQUIPMENT

At Sharon, Pa., a modern car shop fully equipped with a capacity of thirty freight cars per day.

We solicit your inquiries and specifications on Box, Automobile, Gondola, Hopper, Coke, Ballast, Flat and Tank Cars of all Classes.

STANDARD TANK CAR COMPANY

Works: Sharon, Pa.

OFFICES:

NEW YORK TULSA SAN FRANCISCO
CLEVELAND WASHINGTON

Builders and Lessors of

Standard Tank Cars

182—CHICAGO & EASTERN ILLINOIS—Cont'd.

MASTER MECHANICS.

W. F. Heiser.....Danville, Ill
C. W. Hyde.....Evansville, Ind
A. W. Standiford.....Salem, Ill

ROAD FOREMEN OF EQUIPMENT.

J. N. Powell.....Danville, Ill
W. J. Tesch.....Salem, Ill
S. E. Trussell.....Dolton, Ill
E. M. Cooney, M. P., Insp..Danville, Ill
M. E. Fitzgerald, Gen. Car Insp. "
E. Laking, Air Brk. Supvr. "
J. H. Burcham, Ch. Elec..... "

GENERAL FOREMEN.

H. E. Alspaugh.....Terre Haute, Ind
O. Bigelow.....Momence, Ill
C. H. Lutz.....Evansville, Ind
J. McLeod.....Mitchell, Ill
A. W. Rogers.....West Frankfort, Ill
J. O. Sevedge.....Salem, Ill
E. J. Wegmiller.....Villa Grove, Ill

GEN. FOREMEN LOCOMOTIVE DEPARTMENT.

R. E. Bannin.....Danville, Ill
F. Fearheily..... "
H. W. Slaughter.....Dolton, Ill

GEN. FOREMEN CAR DEPARTMENT.

I. N. Clark.....Danville, Ill
E. F. Schnute.....Evansville, Ind
G. Smith.....Dolton, Ill

FOREMEN PAINTERS.

G. J. Lehnen (Car Dept.)....Danville, Ill
C. A. Gildersleeve (Loco. Dept) "

ENGINEERING, BRIDGES & ROADWAY

L. C. Hartley, Ch. Eng. } 66th & Union
J. S. McBride, Valua. Eng. } Ave.,
J. E. Bernhardt, Brdg. Eng. } Chicago, Ill.
..... "

DIVISION ENGINEERS.

C. Brannon.....Danville, Ill
R. S. Clark.....Evansville, Ind
A. W. White.....Salem, Ill

ASSISTANT ENGINEERS.

H. E. Nourse.....Danville, Ill
F. C. Purcell.....Chicago, Ill
F. W. Small.....Evansville, Ind
R. R. Wilson.....Salem, Ill

MASTER CARPENTERS.

J. F. Cookingham.....Danville, Ill
Geo. Herin.....Evansville, Ind
A. J Smith.....St. Elmo, Ill

SUPERVISORS.

L. Coffell.....Momence, Ill
M. Henry.....Villa Grove, Ill
B. James.....Marion, Ill
W. Lawrenz..... } Haney, Ill. P. O. Dolton
C. E. Oliver.....Danville, Ill
W. Peachey.....Evansville, Ind
J. Ryan, Jr.....Watseka, Ill
J. F. Shea.....Salem, Ill
J. Sweeney.....Danville, Ill

SIGNAL DEPARTMENT.

H. H. Orr, Sig. Eng.. } 66th & Union
G. P. Neal, Sig. Insp. } Ave., Chicago, Ill
G. C. Siefert, Sig. Insp..... "

SIGNAL SUPERVISORS.

P. Cummins.....Salem, Ill
E. Folley.....Danville, Ill
W. Grabbs (Asst.)..... "
W. D Leonard (Asst.)..Evansville, Ind
E. R. Lindsey..... "
E. H. Wilson (Asst.).....Danville, Ill

—†CHICAGO & ERIE R. R.

See Erie R. R., No. 322.

183—CHICAGO & ILLINOIS MIDLAND RY. CO.

31 Mls, 10 Loco, Cars: 1,297 Frt, 5 Pass, 2 Misc

Chicago address, 32 W. Adams St.

✪J. F. Gilchrist, Pres..... } Chicago,
S. Peabody, V.-Pres..... } Ill.
R. Mueller, Sec..... "
H. F. Grear, Asst. Sec....Taylorville, Ill
E. J. Doyle, Treas.....Chicago, Ill
¶F. Carter, Aud. & Asst. Treas..... } Taylorville, Ill.
W. M. Provine, Gen. Atty.... "
✝M. Dailey, Gen. Mgr. & Traf. Mgr..... "
D. H. Dailey, Asst. to Gen. Mgr. "
R. S. Sneed, Asst. Traf. Mgr. "
J. J. Townend, M. M..... "
J. F. Pilcher, Car For..... "

184—CHICAGO & ILLINOIS WESTERN R. R. 19 Mls, 4 Loco, Cars: 228 Frt

Chicago address, 135 E. 11th Place.

L. Baker, Sec..... ..Chicago, Ill
A. M. Umshler, Supt..... "

For other officials see I. C. R. R., No. 428.

185—

186—CHICAGO & NORTHWEST'N RY. CO. 8,469 Mls, 2,040 Loco, Cars: 69,807 Frt, 2,331 Pass, 3,497 Misc

Chicago address, West Jackson and Franklin Streets.

New York address, 111 Broadway

EXECUTIVE, FINANCIAL AND LEGAL.

Marvin Hughitt, Ch. Fin. Com.....Chicago, Ill
✪F. W. Sargent, Pres..... "
G. W. Hand, Asst. to Pres.... "
W. H. Dalton, Asst. to Pres. "
R. N. Van Doren, V.-Pres. & Gen. Coun..... "
S. A. Lynde, V.-Pres. & Asst. Sec.....New York, N. Y
F. Walters, V.-Pres. (Oper.-Maint.).....Chicago, Ill
W. Walliser, V.-Pres. (Personnel)..... "
J. D. Caldwell, Sec. & Asst. Treas. "
A. C. Johnson, V.-Pres. (Traf.) "
A. S. Pierce, Treas. & Asst. Sec..... } New York N. Y.
B. Conway, Asst. Sec..... Chicago, Ill
T. W. Arundel, Asst. Treas. & Asst. Sec..... } New York N. Y.
H. W. Rush, Asst. Treas. & Asst. Sec..... "
A. B. Jones, Loc. Treas.....Chicago, Ill
S. H. Cady, Gen. Solr..... "
N. F. Morehouse, Asst. Gen. Solr..... "
N. J. Wilcox, Asst. Gen. Solr. "
P. F. Gault, Commr. Atty.... "
E. R. Hart, Gen. Atty..... "
N. Trottman, Gen. Atty.... "
F. Wenter, Jr., Gen. Clm. Agt. "
W. C. Johnson, Frt. Clm. Agt. "
H. S. Larimer, Land Com.... "
R. A. Miller, Tax Comr.... "
J. Mariga, Sec. Pension Board..... "

Illinois Steel Co.

208 SOUTH LA SALLE STREET

CHICAGO, ILL.

Open Hearth — STEEL — Bessemer

Electric —— Alloy

Products We Manufacture

Heavy — RAILS — Light

ANGLE BARS and JOINTS

TIE PLATES

TRACK SPIKES — SCREW SPIKES

TRACK BOLTS and NUTS

CAR and LOCOMOTIVE WHEELS

CAR and LOCOMOTIVE AXLES

PLATES — SHAPES — BARS

BILLETS — PIG IRON

186—CHICAGO & NORTHWESTERN—Cont'd.

ACCOUNTING.

L. A. Robinson, Compt.....} Chicago, Ill.
C. D. Brandriff, Gen. Aud.....}
C. H. Westbrook, Asst. Gen. Aud. "
E. J. Bloodgood, Asst. Gen. Aud. "
C. L. Lowe, Aud. Exp..... "
B. A. McManus, Aud. Disb..... "
G. W. Nelson, Aud. Frt. Accts.. "
J. S. Fox, Aud. Frt. Overcharge Claims..... "
J. O. Clifford, Aud. Pass. Accts. "
J. W. Branch, Aud. Station Accts. "
W. R. Kettenring, Aud. Capital Expenditures..... "
J. A. Sterne, Car Acct..... "

TRAFFIC.

A. C. Johnson, V.-Pres.....Chicago, Ill
H. W. Beyers, Frt. Traf. Mgr. "

ASST. FREIGHT TRAFFIC MANAGERS.

A. F. Cleveland.....Chicago, Ill
A. R. Gould (& Pass.)..... "
S. F. Miller..... "

GENERAL FREIGHT AGENTS.

S. H. Gillette (Asst.).....Chicago, Ill
D. H. Hoops..... "
W. H. Jones (Asst)..... "
S. G. Nethercot (Asst.)..... "
C. A. Cairns, Pass. Traf. Mgr. Chicago, Ill
A. R. Gould, Asst. Pass. & Frt. Traf. Mgr..... "
M. R. Leahy, G. P. A.....Chicago, Ill

ASSISTANT GENERAL PASSENGER AGENTS.

C. R. Custer.....Chicago, Ill
R. Thomson..... "
D. M. Davis, Asst. G.F.&P.A. Omaha, Neb
H. G. Graves, Gen. Bag. Agt. Chicago, Ill
C. H. McNie, Gen. Live Stk. Agt..... "
C. McCullough, Gen. Coal Agt. "
G. Bonnell, Ind. Agt..... "
F. J. Allen, Gen. Dairy Agt. "

OPERATING.

F. Walters, V.-Pres.....Chicago, Ill
C. S. Stewart, Asst. to V.-Pres. "
G. B. Vilas, Gen. Mgr..... "
H. M. Eicholtz, Asst. Gen. Mgr. "

GENERAL SUPERINTENDENTS.

F. J. Byington (Asst.).....Chicago, Ill
H. E. Dickinson.....Omaha, Neb
A. N. La Combe (Asst. to)..Chicago, Ill
M. E. Pangle (Asst.).....Norfolk, Neb
B. E. Terpning.....Chicago, Ill

DIVISION SUPERINTENDENTS.

G. E. Bonner.....Mason City, Ia
M. J. Boyle.....Winona, Minn
P. G. Campbell.....Chicago, Ill
W. F. Carroll.....Casper, Wyo
L. A. Clapp.....Boone, Ia
W. H. Dolan.....South Pekin, Ill
F. H. Hemes (Term.).....Chicago, Ill
G. A. Holmes.....} So. Norfolk, Neb P. O. Norfolk.
J. Leppla.....Antigo, Wis
F. R. Lloyd.....Escanaba, Mich
S. S. Long.....Chadron, Neb
F. F. McCauley.....Chicago, Ill
E. B. McClure.....Sioux City, Ia
J. S. Rice.....Green Bay, Wis

DIVISION SUPERINTENDENTS.—CONT'D.

G. B. Schrand, (Frt. Term.).Chicago, Ill
F. N. Stewart.....Huron, S. D
A. J. Worthman.....Baraboo, Wis

ASST. DIVISION SUPERINTENDENTS.

J. J. Burns.....Huron, S. D
E. W. Doner.....Antigo, Wis
G. Z. Flanders.....Fond du Lac, Wis
W. B. Golden.....Fremont, Neb
E. L. Henry.....Clinton, Ia
J. H. Hull.....Green Bay, Wis
W. J. Keating.....Baraboo, Wis
W. A. Kraemer.....Chicago, Ill
A. M. Masters.....New Butler, Wis
D. B. McIntyre.....Escanaba, Mich
W. B. Murray.....Ashland, Wis
C. E. Sainsbury.....Milwaukee, Wis
J. Walliser.....Chicago, Ill
G. H. Zimmerman (Frt. Term.)..... "
W. Bennett, Supt. Tel.....Chicago, Ill
O. E. Hallberg, Supt. Car Serv. "
G. C. Boomer, Asst. Supt. Car Serv..... "
C. H. Shircliffe, Supt. Dining & Parlor Cars..... "
W. P. Stoughton, Supvr. Mail & Exp. Serv..... "
Dr. C. W. Hopkins, Ch. Surg. "

PURCHASING.

¶F. J. Berck, Gen. Pur. Agt...} Chicago,
J. Ball, Asst. Pur. Agt.....} Ill.
D. W. Corcoran, Gen. Str. Kpr.. "
W. L. Wheeler, Asst. Gen. Str. Kpr..... "
O. F. Kaapke (Sta.) Str. Kpr. "

TRAVELING STORE KEEPERS.

C. C. Cartwright.....Chicago, Ill
E. S. Clapp.....Boone, Ia
W. F. Redman.....Kaukauna, Wis

DISTRICT STORE KEEPERS.

J. E. Conroy.....Missouri Valley, Ia
C. S. Palsgrove.....Clinton, Ia
W. F. Sanford.....Green Bay, Wis
R. F. Schram, Chicago Ave., Chicago, Ill
A. J. Spuhler.....Winona, Minn

DIVISION STORE KEEPERS.

H. R. Carroll.....Belle Plaine, Ia
A. J. Cossette.....Chadron, Neb
A. L. Dumas.....New Butler, Wis
A. N. Foged.....South Pekin, Ill
C. A. Forbes.....Casper, Wyo
J. A. King.....Escanaba, Mich
E. J. Leonard.....Boone, Ia
F. B. Taylor.....Clinton, Ia
E. P. Walsh.....Huron, S. D
W. E. Warnes.....Eagle Grove, Ia

MECHANICAL.

H. T. Bentley, Gen. Supt.} Keeler Ave. & Kinzie St.,
E. B. Hall, Supt. M. P. & M.} Chicago, Ill

ASSISTANT SUPERINTENDENTS MOTIVE POWER AND MACHINERY.

J. W. Anderson.....Chicago, Ill
H. L. Harvey..... "
E. H. Wade..... "
L. P. Michael, Mech. Eng...Chicago, Ill
F. E. Mitchell, Asst. Mech. Eng. "
H. D. Browne, Eng. Tests.. "

SAFETY LIGHTING FIXTURES The Safety C. H. & L. Co. 2 Rector St., New York.

Steel Tires, Steel Tired Wheels, Steel Axles,
Steel Springs, Rolled Steel Rings,
Wrought Solid Steel Wheels,
Steel Forgings, Steel Crusher—
Rolls and Shells, Rolled
Steel Gear Blanks,
Steel and Malleable
Iron Castings,
Steel Pipe
Flanges.

STANDARD STEEL WORKS CO.

MAIN OFFICE: PHILADELPHIA, PA.

BRANCH OFFICES:

CHICAGO
ST. LOUIS
HOUSTON, TEXAS
PORTLAND, ORE.
RICHMOND, VA.
SAN FRANCISCO
NEW YORK
BOSTON
ST. PAUL, MINN.
PITTSBURGH, PA.
MEXICO CITY, MEX.

Works: BURNHAM, PA.

186—CHICAGO & NORTHWESTERN—Cont'd.

DIVISION MASTER MECHANICS.

C. V. Axen.....Madison, Wis
C. Coleman.....Winona, Minn
S. C. Graham.....Missouri Valley, Ia
W. H. Halsey.....Boone, Ia
L. A. Hardin.....South Pekin, Ill
W. W. Hoffman.....Belle Plaine, Ia
E. Holmquist... { 723 W. Chicago Ave., Chicago, Ill.
J. S. Jones.....Escanaba, Mich
F. B. Kester.....Antigo, Wis
G. S. King.....Huron, S. D
J. B. Moore.....Clinton, Ia
H. Morris.....Chicago, Ill
P. W. Ramer.....Chadron, Neb
W. R. Smith.....Chicago, Ill
W. S. Whitford.....Green Bay, Wis

ROAD FOREMEN OF ENGINES.

C. W. Baird.....Chicago, Ill
W. C. Bennett.....Boone, Ia
A. Craft.....Sioux City, Ia
J. Degnan.....Waseca, Minn
A. M. Easte.....Chicago, Ill
F. J. Fellenzer.....Huron, S. D
E. L. Gingrass.....Milwaukee, Wis
J. D. Kellogg.....Boone, Ia
R. E. Landis.....Casper, Wyo
W. McPherson.....Chicago, Ill
J. Mattis.....Eagle Grove, Ia
F. R. Melcher.....Madison, Wis
D. Nee.....South Pekin, Ill
M. P. O'Donnell.....Antigo, Wis
B. W. Pewestorff.....Fremont, Neb
M. Quinn.....Escanaba, Mich
D. L. Rees.....Green Bay, Wis
S. Simmons....North Fond du Lac, Wis
L. Small.....Chadron, Neb
O. E. Whitcomb.....Adams, Wis
H. Williams.....Clinton, Ia
J. Wilson.....Chicago Ill
J. Murrin, Supt. Loco. Shops. Chicago, Ill
H. P. Allstrand, Effec. Supvr. "
E. F. Allard, Gen. Fuel Supvr. "

FUEL SUPERVISORS.

E. T. Brenn.....Milwaukee, Wis
C. A. Jeffers.....Boone, Ia
E. Williams.....Fremont, Neb

ENGINE HOUSE FOREMEN.

W. B. Alton.....Long Pine, Neb
F. L. Baker.....Huron, S. D
H. Beals.....Hawarden, Ia
J. A. Burchill.....Tracy, Minn
J. Charlton.....Belvidere, Ill
C. B. Cotton.....Belle Plaine, Ia
H. K. Dammon.....Norfolk, Neb
J. Fiscus.....Harvard, Ill
J. P. Hagen.....Adams, Wis
R. O. Hayter.....Mason City, Ia
J. H. Hinze.....Fremont, Neb
E. Hunter.....Milwaukee, Wis
J. H. Judge.....Waseca, Minn
R. J. McCaw.....Council Bluffs, Ia
R. Micel..... { Proviso Shops, Melrose Park, Ill
E. L. Murray.....West Chicago, Ill
F. A. Nelson.....Ashland, Wis
J. R. North.....Fond du Lac, Wis
W. Peterson.....Antigo, Wis
G. Schimming.....Madison, Wis

ENGINE HOUSE FOREMEN—CONTINUED.

R. Snell.....Eagle Grove, Ia
A. M. Stafford.....Pierre, S. D
H. J. Stanley.....Deadwood, S. D
E. A. Streich.....Casper, Wyo
W. Wade.....Janesville, Wis
G. H. Wills.....Des Moines, Ia

GENERAL FOREMEN.

E. J. Brewster..... { Chicago Shops, Chicago, Ill
S. M. Engholdt.....Kaukauna, Wis
H. Grange.....Clinton, Ia
W. H. James.....Boone, Ia
G. H. Logan..... { Chicago Shops, Chicago, Ill
E. Marx.....Winona, Minn
O. Protz (Loco. Dept). Missouri Valley, Ia
J. C. Stump..... { Butler, Wis P O New Butler
E. Vanderboom.....Escanaba, Mich

CAR DEPARTMENT.

W. E. Dunham, Supt. Car Dept..... { Chicago, Ill.
L. R. Wink, Asst. Supt. Car Dept..... "
E. P. Marsh, Supt. Car Shops... "
G. E. Collins, Asst. Supt. Car Shops..... "
C. A. Erickson, Gen. Car Insp... "

DISTRICT MASTER CAR BUILDERS.

G. R. Anderson.....Chicago, Ill
J. C. Byrne (Asst.)..... "
H. W. Hanson.....Boone, Ia
W. C. McNabb.....South Norfolk, Neb
C. C. Nash.....Winona, Minn
A. E. Wurl.....Kaukauna, Wis

GENERAL FOREMEN CAR DEPARTMENT.

C. F. Bauman.....Winona, Minn
H. Bentson.....Milwaukee, Wis
A. Berger.....Chicago, Ill
A. Boyce.....Green Bay, Wis
J. H. Boyce.....Escanaba, Mich
G. Brock.....Chicago, Ill
G. A. Bull.....New Butler, Wis
H. H. Collins.....Huron, S. D
C. B. Gustavson.....Belle Plaine, Ia
M. T. Hannafan.... { Proviso Shops, Melrose Park, Ill
W. Hartnett.....South Pekin, Ill
F. Hewelt.....Chicago, Ill
J. Oxley..... "
E. R. Phillips.....Council Bluffs, Ia
R. Reed.....Clinton, Ia
N. Sorenson.....Boone, Ia
J. D. Tierney.....Chicago, Ill
C. A. Vanevenhoven....Kaukauna, Wis
G. F. Young.....Missouri Valley, Ia

W. J. Devine, Gen. Air Brk. Instr..... { Chicago, Ill.
T. F. Powers, Gen. For. Boiler Makers..... "

FOREMEN PAINTERS.

A. E. Green.....Chicago, Ill
F. K. Kappler.....Clinton, Ia
R. Schaffer.....Winona, Minn
F. Wareham..... { Chicago Shops, Chicago, Ill

WE ARE MEMBERS OF THE
AUDIT BUREAU OF CIRCULATIONS

RAILWAY STEEL-SPRING COMPANY

SPRINGS

LOCOMOTIVE AND CAR WHEEL TIRES

STEEL-TIRED WHEELS

GENERAL OFFICE:

Cortlandt Bldg., 30 Church St., New York

BRANCH OFFICES:

CHICAGO ST. LOUIS ST. PAUL NORFOLK
LOUISVILLE DETROIT MEXICO

186—CHICAGO & NORTH WESTERN—Cont'd.

ENGINEERING, BRIDGES & ROADWAY

W. J. Towne, Ch. Eng.....Chicago, Ill
D. Rounseville, Asst. Ch. Eng. "
C. T. Dike, Eng. Maint..... "

ASSISTANT ENGINEERS MAINTENANCE.

F. C. Huffman.....Chicago, Ill
J. A. S. Redfield..... "
J. A. Lorch, Asst. Eng. Valua. Chicago, Ill
J. S. Pole, Asst. Eng. Trk. Elev. "
G. M. Davidson, Ind. Eng..... "
A. J. Farrelly, Elec. Eng..... "
J. A. Andreucetti, Asst. Elec. Eng..... "
D. Barrett, Asst. Eng..... "
J. A. Rhoads, Ch. Fire Insp... "
C. E. Miller, Ch. Scale Insp... "

DIVISION ENGINEERS.

R. D. Anderson.....Huron, S.D
J. A. Dyer.....Green Bay, Wis
F. W. Hillman.....Chicago, Ill
T. J. Irving.....Winona, Minn
B. R. Kulp.....Madison, Wis
G. Loughnane.....Escanaba, Mich
E. L. Mead.....Chadron, Neb
C. H. Perry.....Antigo, Wis
R. W. Richardson.....Sioux City, Ia
J. S. Robinson.....Chicago, Ill
M. E. Thomas.....Boone, Ia
C. H. Wells.....South Pekin, Ill
C. F. Womeldorf..... { So. Norfolk, Neb / P. O. Norfolk

O. F. Dalstrom, Engr. Bdgs. { Chicago
A. E. Bechtelheimer, Gen. { Ill.
Insp. of Brdgs..... "

ASST. GENERAL BRIDGE INSPECTORS.

H. L. Holderman.....Chicago, Ill
W. V. Kerns..... "
V. E. McCulloch..... "

SUPERVISORS BRIDGES & BUILDINGS.

W. J. Azer.....Chicago, Ill
C. Bach.....Belle Plaine, Ia
P. J. Barlow.....Winona, Minn
H. Bender.....Eagle Grove, Ia
A. H. Deno.....Green Bay, Wis
T. H. Durfee.....Antigo, Wis
M. J. Flynn.....Chicago, Ill
K. Hallock.....Fremont, Neb
J. R. Hartwell.....Pierre, S. D
H. Heiszenbuttel... { So. Norfolk, Neb / P. O. Norfolk.
L. Julias.....Fond du Lac, Wis
L. J. McMartin.....Escanaba, Mich
W. F. Meyers.....Boone, Ia
A. Olson.....Casper, Wyo
P. Paulson.....Huron, S. D
F. E. Shanklin.....Chadron, Neb
E. C. Vandenburgh.....Madison, Wis
W. L. Wright.....South Pekin, Ill
J. Hunciker, Gen. For. Brdg. Erect. (Iron)..... { Chicago, Ill.

ROAD MASTERS.

H. J. Anderson.....Fond du Lac, Wis
H. L. Barr.....Lusk, Wyo
E. E. Barton.....Rapid City, S. D
L. Bergland.....Scribner, Neb
J. H. Bratton.....West Chicago, Ill
W. L. Campbell.....Chicago, Ill
G. Corcoran.....Centerville, S. D

ROAD MASTERS—CONTINUED.

W. F. Coryell.....Chadron, Neb
W. J. Daehn.....Sparta, Wis
G. Darrow.....Ironwood, Mich
M. J. Deltgen.....Clinton, Ia
H. Dwiggins.....Brookings, S. D
J. J. Dwyer.....Escanaba, Mich
F. Eggleston.....Mason City, Ia
M. J. Fayram.....Belvidere, Ill
O. H. Feldman.....Fremont, Neb
P. A. Friess.....Fond du Lac, Wis
L. Gilbert.....Sioux City, Ia
H. A. Halverson.....Eagle Grove, Ia
M. Hermans.....Green Bay, Wis
D. J. Hovland.....Wall Lake, Ia
J. W. Johnson.....Linwood, Neb
E. C. Jones.....Milwaukee, Wis
V. L. Jozwiak.....Clintonville, Wis
R. Kearney.....Mankato, Minn
A. L. Kickhafer.....Ashland, Wis
C. Kratoska.....Ames, Ia
I. B. Lakin..... { So. Norfolk, Neb / P. O. Norfolk.
F. Maso.....Montfort, Wis
G. Mathiasen.....Baraboo, Wis
P. J. McAndrews.....Sterling, Ill
C. S. McConnell.....Antigo, Wis
E. M. McDermott.....Huron, S. D
J. M. McDermott.....New Butler, Wis
T. H. McDermott.....Redfield, S. D
M. McFadden.....South Pekin, Ill
R. E. Meyer.....Wall Lake, Ia
T. O. Moe.....Manlius, Ill
A. A. Munn.....Rapid City, S. D
D. C. Murphy.....Tracy, Minn
C. Newberg.....Chicago, Ill
D. V. O'Connell.....Winona, Minn
J. F. O'Rourke.....Valentine, Neb
H. Rasmussen.....Marinette, Wis
J. A. Roland.....Missouri Valley, Ia
C. Saxon.....Iron Mountain, Mich
P. Scanlin.....Boone, Ia
J. A. Schmitt.....Casper, Wyo
J. D. Sullivan.....Huron, S. D
A. W. Tabert.....West Allis, Wis
J. Tehan.....Belle Plaine, Ia
H. Van Gorder.....Antigo, Wis
C. N. Vilas..... { Mayfair, Ill / P. O. Chicago
E. W. Walch.....Green Bay, Wis
J. Watt.....Cedar Rapids, Ia
J. E. Wilkinson.....Chicago, Ill
W. J. Wilkinson.....Harvard, Ill
A. J. Wise.....Eagle Grove, Ia
J. J. Wise.....Norfolk, Neb
T. Woods.....Mason City, Ia

SIGNAL DEPARTMENT.

J. A. Peabody, Sig. Eng....Chicago, Ill
R. M. Phinney, Asst. Sig. Eng. "
R. A. Sheets, Asst. Eng. Train Control..... "
R. B. Arnold, Gen. Sig. Insp "
S. E. Noble, Asst. Eng..... "
C. G. Stecher, Sig. Instr...Oak Park, Ill

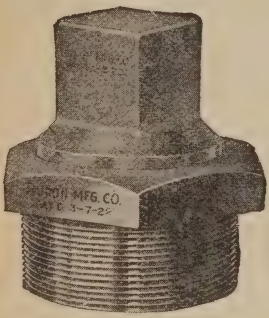
SUPERVISORS OF SIGNALS.

E. J. Hilliard.....Boone, Ia
P. E. Lambert.....Chicago, Ill
H. F. Mock.....Green Bay, Wis
E. V. Shatwell.....Chicago, Ill

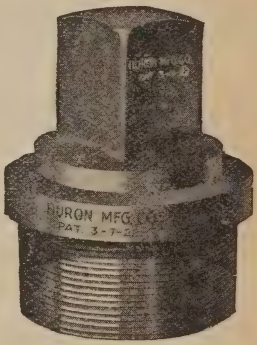
100% SAFETY

ECONOMY WITH SERVICE

"THE PLUG WITH THE SQUARE THREAD"



PLUG ASSEMBLED HEXAGON BUSHING



PLUG ASSEMBLED ROUND BUSHING

Let Us Solve Your Washout Troubles

HURON MANUFACTURING COMPANY
3240 East Woodbridge Street
DETROIT, MICHIGAN

186—CHICAGO & NORTH WESTERN—Continued.

SUPERVISORS OF SIGNALS—CONTINUED.

W. A. Snyder.....Madison, Wis
O. S. Tomkins.....Boone, Ia
F. L. Wells.....Chicago, Ill

ASSISTANT SUPERVISORS SIGNALS.

P. O Gladhill.....Chicago, Ill
W. Homuth.....Allis, Wis
C. C. Mansfield.....

187 to 190

191—CHICAGO & WESTERN INDIANA R. R. CO.

27 Mls, 27 Loco, Cars: 641 Frt, 30 Pass, 70 Misc
Chicago address, Polk & Dearborn Sts.

H. G. Hetzler, Pres.....Chicago, Ill
E.H.Lee, V.-Pres. & Ch.Eng.
J. E.Murphy, Treas.....
R. L. Porter, Sec. & Aud.....
A. R. Barton, Asst. Sec. & Asst. Aud.....
C. G. Austin, Jr., Gen. Coun..
J. R. Barse, Gen. Atty.....
C. A. Inman, Land & Tax Agt.
M.S. Leaming, Frt. Clm. Agt.
J. H. Brown, Traf. Mgr.....
J. J. Carroll, G. B. A.....
R. W. Stevens, Gen. Supt....
J. B. Middaugh, Supt.....
¶C. W. Yeamans, Pur. Agt..
D. Downing, Str. Kpr.....
N. B. Whitsel, M. M. } 51st St. & Stewart Ave., Chicago, Ill.
§ G. N. Saum, M. C. B.....

ENGINEERING, BRIDGES & ROADWAY

E. H. Lee, V.-Pres. & Ch. Eng. Chicago, Ill
F. E. Morrow, Asst. Ch. Eng.
V. R. Walling, Prin. Asst. Eng.

ASSISTANT ENGINEERS.

A. Lee Atwill.....Chicago, Ill
D. E. Pendleton.....
P. T. Barrett, Office Eng ....Chicago, Ill
L. B. Abbott, Ch. Elec.....
R. Kendall, Supvr. } 33d St. & Vincennes Ave., Chicago, Ill
Bldgs.....
J. Mahoney, Supvr. Trk....

SIGNAL DEPARTMENT.

F. E. Jacob, Sig. Eng.....Chicago, Ill
F. E. Beutler, Asst. Sig. Eng.
G. M. Kelley, Sig. Supvr....

192—CHICAGO, ATTICA & SOUTHERN R. R. CO. 155 Mls, 8 Loco, Cars: 173 Frt

✪C.F. Propst, Pres. & Gen. Mgr. Attica, Ind
H. A. Butt, Sec. & Aud.....
G. M. Barnard, Gen. Coun.....Indianapolis, Ind
A. S. Dolch, Traf. Mgr..... Attica, Ind
¶R. G. Butler, Ch. Eng.....
A.W. Verrill, Asst. Supt. Equip.

193—

194—CHICAGO, AURORA & ELGIN R. R. CO. (Electric).

66 Mls, 7 Loco (including 5 Motors), Cars: 48 Frt, 54 Pass, 20 Misc

S. Insull, Chman.....Chicago, Ill
B. I Budd, Pres.....
R. F. Clinch, V.-Pres.....
B. J. Fallon, V.-Pres.....
✪E. C. Faber, V.-Pres.....
S. Insull, Jr., V.-Pres.....Chicago, Ill
H. M. Lytle, V.-Pres.....
C. E. Thompson, V.-Pres...
G. R. Jones, Sec. & Treas...
C. A. Whonsetler, Asst. Sec. & Asst. Treas.....Aurora, Ill
R. R. Bradley, Gen. Coun..Chicago, Ill
B. P. Alschuler, Gen. Atty..Aurora, Ill
F. L. Gould, Aud.....
E. J. Blair, Gen. Mgr.....
S. L. Green, Clm. Agt.....
R. Breckinridge, Traf. Mgr..Chicago, Ill
T. Curtiss, Supt. Trans....Wheaton, Ill
S. E. Johnson, Supt. Substa. & Lines.....Aurora, Ill
¶L. L. Huntoon, Pur. Agt.....
§ H. A. Barbero, M. M.....Wheaton, Ill
S. J. Steiner, Eng. M. W.....Aurora, Ill
E. R. Ander, Elec. Eng.....
M. Foster, Rd. Mast.....Wheaton, Ill

195—CHICAGO, BURLINGTON & QUINCY R. R. CO.

9,404 Mls, 1,981 Loco, Cars: 70,501 Frt, 1,385 Pass, 4,422 Misc

Mileage also shown separately for each line.
Chicago address, 547 W. Jackson Boulvd.

System Officials.

EXECUTIVE, FINANCIAL AND LEGAL.

Hale Holden, Pres. & Chmn. Exec. Comm.....Chicago, Ill
T. J. Thomas, Asst. to Pres.
C.G. Burnham, Exec. V.-Pres.
W. W. Baldwin, V.-Pres..
E. P. Bracken, V.-Pres.....
C. E. Spens, V.-Pres.....
C.I. Sturgis, V.-Pres., Sec. & Treas.....
A. T. Williams, Asst. Sec. & Asst. Treas.....
E. J. Alden, Asst. Sec.....
C. J. Ernst, Asst. Treas. & Asst. Sec.....Omaha, Neb
J. L. Hall, Stat.....Chicago, Ill
B. Scott, Gen. Coun.....
K. F. Burgess, Gen. Solr....
J. C. James, Gen. Solr.....
J. D. Shields, Frt. Clm. Agt.

LAND AND INDUSTRIAL.

O. F. Scudder, Land & Ind. Comr. Lines East.....Chicago, Ill
E. M. Westervelt, Land & Ind. Comr. Lines West..Lincoln, Neb

VALUATION COMMITTEE.

A. W. Newton, Ch. Eng....Chicago, Ill
E. M. Shelton, Asst. to Gen. Coun.....
H. W. Johnson, Compt.....
H. S. Marshall, Valua. Eng..

ACCOUNTING.

H. W. Johnson, Compt.....Chicago, Ill
H. D. Foster, Gen. Aud.....
F. Clark, Asst. Aud.....
E. F. Morgan, Asst. Aud. Valua.
A. W. Lavidge, Aud. Exp.,.
F. C. Keith, Asst. Aud. of Exp.
S. L. Porter, Aud. Frt. Accts.
G. S. Cooper, Aud. Tkt. Accts.
E. F. Gaylord, Car Acct....

SPARE TIME TRAINING FOR RAILWAY EMPLOYES

For over twenty years the Railroad Department of the International Correspondence Schools has taken the lead in instructing Railway men of the United States and Canada in the technique of locomotive work, the science of railroading and general railroading topics. This instruction is conducted through the medium of demonstrations and object lessons, assisted by the use of sectional working models, sectional models, and charts. Especially designed laboratory apparatus is used where fuel economy and steam conservation are taught.

Instruction is given employes outside of train and engine service in the technique of their work, while at their work. The vocational training of apprentices and others employed as machinists, electricians, carpenters, boiler-makers, pattern-makers, blacksmiths and of men at other trades is undertaken. Locomotive firemen are qualified to pass examinations for the position of locomotive engineer. Courses of instruction are available for practically every class of railway employe.

The fundamental idea back of the work of this Department is the home study system perfected by the International Correspondence Schools of Scranton, Pa., in teaching over 2,500,000 students.

Further information will be cheerfully given anyone interested.

RAILROAD DEPARTMENT

INTERNATIONAL CORRESPONDENCE SCHOOLS

SCRANTON, PA.

195—CHICAGO, BURLINGTON & QUINCY—Cont'd.

System Officials—Continued.

TRAFFIC.

C. E. Spens, V.-Pres..... Chicago, Ill
E. M. Fairfield, Asst. to V.-Pres..... "
P. S. Eustis, Pass. Traf. Mgr. "
L. W. Wakeley, Asst. to Pass. Traf. Mgr..... "

FREIGHT TRAFFIC MANAGERS.

H. H. Holcomb.....Chicago, Ill
G. Morton (Asst.)..... "
W. G. Wagner (Asst.)..... "
R. B. Battey, Coal Traf. Mgr..Chicago, Ill
L. H. Lamb, Ch. Tariff Bur. "
L. M. Whitehead, G.B., Mail & Exp. Agt..... "
A. E. White, Commissary.. "
J. B. Lamson, Agri. Dev. Agt. "
W. B. Remley, Agri. Agt..St. Louis, Mo

OPERATING.

E. P. Bracken, V.-Pres .....Chicago, Ill
F. L. Johnson, Asst. to V.-Pres. "
D. H. Bremerman, Asst. to V.-Pres..... "
J. H. Reisse, Mech. Asst. to V.-Pres..... "
W. L. Barnes, Gen. Supt. Trans..... "
H. R. Clarke, Gen. Insp. Per. Way..... "
C. A. Worst, Supt. Tel..... "
G. E. Hahn, Supt. Safety.... "
H. B. Meinhardt, Supvr. Ref. Serv..... "

RELIEF, MEDICAL, EMPLOYMENT AND PENSION.

J. N. Redfern, Mgr.....Chicago, Ill
J. T. Williamson, Supt. Rel. Dept..... "
D. B. Moss, Ch. Med. & Surg. Off. "
W. C. Kordsiemon, Supt. Emp. Dept..... "
J. R. King, Sec. Pension Bd. "

PURCHASING.

¶L. N. Hopkins, Pur. Agt.....Chicago, Ill
J. R. Haynes, Asst. Pur. Agt. "
E. F. Hasbrook, Asst. Pur. Agt. "
P. Hunter, Asst. Pur. Agt.. "
J. G. Stuart, Gen. Str. Kpr.. "
R. D. Long, Asst. Gen. Str. Kpr. "
H. D. Foster, Trav. Str. Kpr.. "
H. R. Duncan, Insp. Strs.. "
A. G. Swanson, Gen. Piece Work Insp..... "

STORE KEEPERS.

J. A. Allen.....Sheridan, Wyo
H. O. Condit.....Beardstown, Ill
J. H. Ellis.....Hannibal, Mo
G. A. Goerner.....Denver, Col
W. F. Huneke.....Plattsmouth, Neb
J. R. Hunter.... { Grand Crossing, Wis / P. O. La Crosse
R. E. Kelly.....W. Burlington, Ia
C. E. Long.....Clyde, Ill
C. J. Mackie.....Aurora, Ill
J. Maier.....Galesburg, Ill
J. K. McCann.....St. Joseph, Mo
I. G. Morrison.....Havelock, Neb

STORE KEEPERS—CONTINUED.

F. M. Phebus.....Creston, Ia
R. A. Schuff.....McCook, Neb
J. W. Schwartz.....Alliance, Neb
C. E. Swanson (Act.).....Casper, Wyo
O. A. Schultz, Ch. Lumb. Insp. Chicago, Ill
C. Burnett, Asst. Ch. Lumb. Insp..... "
J. H. Waterman, Supt. Tim. Preser.....Galesburg, Ill
F. S. Shinn, Supvr. Tie Plant. "
A. E. Campbell, Pacific Coast Lumber Agt. { 1111 White Bldg. / Seattle, Wash.

MECHANICAL.

C. B. Young, Gen. Mech. Eng. Chicago, Ill
E. C. Anderson, Mech. Eng. "
F. Zeleny, Eng. Tests.....Aurora, Ill
J. G. Crawford, Fuel Eng..Chicago, Ill
H. H. Harvey, Gen. Car For. "

ENGINEERING, BRIDGES & ROADWAY

A. W. Newton, Ch. Eng.....Chicago, Ill
R. T. Scholes, Asst. to Ch. Eng..... "
P. F. Mulkey, Eng. Cap. Exp. "
J. R. Hickox, Hydraulic Eng. "
C. W. Breed, Eng. Standards. "
G. A. Haggander, Brdg. Eng. "
F. H. Cramer, Asst. Brdg. Eng..... "
R. E. Sheehan, Supt. Brdgs. "
W. T. Krausch, Eng. Bldgs. "
H. G. Dalton, Asst. Eng. Bldgs..... "
J. E. Gardner, Elec. Eng.... "
C. C. Smith, Ch. Scale Insp. "
J. B. Latimer, Sig. Eng..... "

195a—Lines East of Missouri River

4,637 Mls. (Mileage also included in C., B. & Q. R. R. Co., No. 195)

OPERATING.

W. F. Thiehoff, Gen. Mgr...Chicago, Ill

GENERAL SUPERINTENDENTS.

J. H. Aydelott.....Galesburg, Ill
W. A. Card.....Burlington, Ia
C. D. Peckenpaugh.....St. Louis, Mo

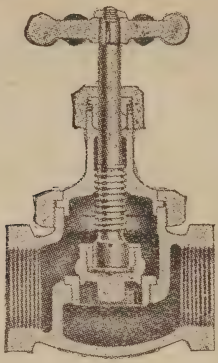
DIVISION SUPERINTENDENTS.

H. D. Brown.....La Crosse, Wis
J. P. Falk.....Chicago, Ill
J. D. Farrington.....Aurora, Ill
W. E. Fuller.....Galesburg, Ill
G. L. Griggs.....Beardstown, Ill
F. E. Haines.....Creston, Ia
H. W. Hamm.....Centerville, Ia
O. C. Hibbs.....Ottumwa, Ia
M. B. Lamb.....Hannibal, Mo
H. W. Maxwell (Term.) Kansas City, Mo
W. T. Sadler.....St. Joseph, Mo
E. J. Worden.....Brookfield, Mo
N. H. Young (Term.).....St. Louis, Mo

ASST. DIVISION SUPERINTENDENTS.

A. J. Carter.....Aurora, Ill
K. W. Fischer..... { Daytons Bluff, / St. Paul, Minn
M. C. Hughes.....Centralia, Ill
R. F. Ledford.....St. Joseph, Mo
H. E. Ruggles.....Chicago, Ill

K. & J. EXCELSIOR VALVES



Seat and Disc are easily removed for renewal

Sizes from ¼-in. to 3-in. Globe, Angle and Cross Valves

AN extra sturdy, extra heavy Regrinding Valve for 300 lbs. working pressure and temperatures up to 425°F. This is but one of the Walworth railroad specialties along with the Kewanee Union, Kewanee Regrinding Valve and STILLSON Wrench (Dan Stillson's own).

WALWORTH COMPANY, Boston, Mass.

Plants at Boston, Greensburg, Pa., Kewanee, Ill. and Attalla, Ala.

Distributors in Principal Cities of the World

WALWORTH

VALVES, FITTINGS AND TOOLS

for STEAM, WATER, GAS, OIL AND AIR

CHICAGO, BURLINGTON & QUINCY—Continued.

195a-Lines East of Missouri River —Continued.

TRAFFIC.

GENERAL FREIGHT AGENTS.

H. E. Heller.....St. Louis, Mo
L. C. Mahoney..... .....Chicago, Ill

ASST. GENERAL FREIGHT AGENTS.

F. A. Hart.....Kansas City, Mo
G. A. Hoffelder.....Chicago, Ill
F. E. Hollingshead.....St. Joseph, Mo
W. J. Lahr.....Chicago, Ill
G. P. Lyman.....St. Paul, Minn

GENERAL PASSENGER AGENTS.

A. Cotsworth, Jr.....Chicago, Ill
T. P. Hinchcliff.....St. Louis, Mo
W. Tanzer (Asst.).....Chicago, Ill

MECHANICAL.

J. W. Cyr, Supt. M. P.....Chicago, Ill
H. Modaff, Asst. Supt. M. P. "
P. P. Walker, Gen. Car Insp. "
F. McGary, Ch. Elec..... "
F. J. Howe, Gen. Boiler For. "
D. R. McGrath, Air Brk. Instr. "

DIVISION MASTER MECHANICS.

M. J. Brown.....Chicago, Ill
F. R. Butts.....Brookfield, Mo
J. C. Climo.....Centerville, Ia
W. E. Corya.....Beardstown, Ill
E. J. Cyr (Asst.).....Galesburg, Ill
J. S. Ford..... "
H. G. Kastlin.....Creston, Ia
W. A. Kelly.....Ottumwa, Ia
H. S. Mored.....Aurora, Ill
T. E. Paradise.....Hannibal, Mo
C. W. Robertson. { Grand Crossing, Wis / P. O. La Crosse
H. C. Turner (Asst.).....Burlington, Ia
G. S. Wilber.....St. Joseph, Mo

ROAD FOREMEN OF LOCOMOTIVES.

L. F. Battel.....Galesburg, Ill
C. A. Brown.....Hannibal, Mo
E. Causland..... .....Brookfield, Mo
C. R. Graf..... { Grand Crossing, Wis / P. O. La Crosse
E. E. Hill.....Beardstown, Ill
C. E. Marsh.....Galesburg, Ill
G. C. McChesney.....Centralia, Ill
W. O. Milar.....Aurora, Ill
T. P. Moore.....St. Joseph, Mo
M. M. Roberts.....Ottumwa, Ia
J. J. Simmons.....Aurora, Ill
W. A. Stauss.....Creston, Ia
D. R. Sweney.....Chicago, Ill

SUPERINTENDENTS SHOPS.

J. A. Carney.....Aurora, Ill
C. A. Henry.....West Burlington, Ia

GEN. FOREMEN LOCOMOTIVE REPAIRS.

C. E. Bloom.....La Crosse, Wis
J. P. Bransfield.....St. Joseph, Mo
D. J. Butts.....Galesburg, Ill
W. Frier.....Hannibal, Mo
J. Hawking.....Aurora, Ill
A. C. Winkler.....West Burlington, Ia

GEN. FOREMEN CAR REPAIRS.

J. E. Kerner.....Aurora, Ill
A. K. Plummer.....Chicago, Ill

ENGINEERING, BRIDGES & ROADWAY

C. L. Persons, Asst. Ch. Eng. Chicago, Ill

DISTRICT ENGINEERS.

G. A. Laubenfels.....Burlington, Ia
E. H. Peck.....St. Louis, Mo
R. W. Willis.....Chicago, Ill

MASTER CARPENTERS.

W. Ascott (Asst.).....Aurora, Ill
W. F. Bucknell.....Creston, Ia
C. Gould (Asst.).....Chicago, Ill
L. Gudgell.....Galesburg, Ill
G. W. Hand.....Hannibal, Mo
C. Landstrom.....Ottumwa, Ia
P. E. Littles.....St. Joseph, Mo
D. J. McDonald.....Beardstown, Ill
W. McDonald.....Aurora, Ill
R. G. Miner.....La Crosse, Wis
C. M. Piper.....Centerville, Ia

DISTRICT ENGINEERS OF MAINT. OF WAY.

D. Cameron.....Burlington, Ia
A. Craine.....St. Louis, Mo
W. H. Hillis.....Galesburg, Ill

W. J. Harris, Div. Eng.
M. W.....La Crosse, Wis

ROAD MASTERS.

C. E. Anderson.....Burlington, Ia
L. W. Benson (Asst.).....Galesburg, Ill
W. A. Bercaw.....Brookfield, Mo
C. L. Bonnan.....Galesburg, Ill
E. J. Brown (Asst.).....Aurora, Ill
P. H. Burke..... "
A. Chinn.....Kansas City, Mo
J. T. Corcoran.....Burlington, Ia
J. A. Cotter.....Centerville, Ia
R. Double.....Osceola, Ia
C. Eggert.....La Crosse, Wis
J. Emerson.....Galesburg, Ill
W. O. Frame.....Herrin, Ill
J. Johns.....Galesburg, Ill
J. R. Kanan.....Albany, Mo
J. King.....Galesburg, Ill
J. A. Lowry.....Ottumwa, Ia
P. J. Melody.....Creston, Ia
G. C. Palmer.....St. Louis, Mo
W. Perkins.....Corning, Mo
W. Peterson.....Red Oak, Ia
O. B. Richter.....Beardstown, Ill
S. J. Sharpe.....Centerville, Ia
M. M. Shehan.....Albia, Ia
E. L. Shields.....Centralia, Ill
R. L. Sims.....Chicago, Ill
L. L. Smith.....Aurora, Ill
J. Spargur.....Creston, Ia
C. Starks.....St. Joseph, Mo
G. S. Stewart.....Beardstown, Ill
H. Tabbert.....La Crosse, Wis
B. A. Terhune.....Brookfield, Mo
F. L. Tobin.....Galesburg, Ill
W. R. Wires.....Aurora, Ill
G. E. Yahn.....Hannibal, Mo

SIGNAL SUPERVISORS.

C. T. Bishop.....Aurora, Ill
A. J. Blick.....Galesburg, Ill
P. W. Gage.....La Crosse, Wis
W. F. Giles, Jr. (Asst.).....Chicago, Ill
J. D. Holmes.....St. Louis, Mo
F. Kunde.....Ottumwa, Ia
J. H. La Chance.....Creston, Ia
F. A. Tegeler.....Cameron Jct., Mo
E. Wyley.....Chicago, Ill

Carbon-Vanadium-

The Normalized Forging Steel

A tough alloy steel for locomotive forgings of smaller section and lighter weight. Not quenched and tempered.

Vanadium Steel Frames

Vanadium gives a casting toughness, increases its useful strength and enables it to withstand severe shocks.

Write for complete data on Carbon-Vanadium Forgings and Vanadium Steel Frames and Castings.

VANADIUM CORPORATION OF AMERICA

120 Broadway
New York

Book Building
Detroit

VANADIUM STEELS

for Strength, Toughness and Durability

CHICAGO, BURLINGTON & QUINCY—Continued.

195b-Lines West of Missouri River

4,760 Mls. (Mileage also included in C., B. & Q. R. R. Co., No. 195)

OPERATING.

E. Flynn, Gen. Mgr. ....Omaha, Neb

GENERAL DISTRICT SUPERINTENDENTS.

F.G.Gurley (Wyo. Dist.)..Alliance, Neb
L. B. Lyman (Neb. Dist.)..Lincoln, Neb

DIVISION SUPERINTENDENTS.

F. Cone.....Sheridan, Wyo
C. J. Connett.....Omaha, Neb
W. F. Giles.....Wymore, Neb
J. C. Grisinger.....Casper, Wyo
C. C. Holtorf.....Sterling, Col
M. F. MacLaren.....McCook, Neb
L. C. McBride.....Alliance, Neb
F. R. Mullen.....Lincoln, Neb
D. J. Nelson (Asst.).....Greybull, Wyo
A. G. Smart (Asst.).....Denver, Col

O. E. Pearson, Asst. Supt. Trans.....Omaha, Neb
C. J. Ernst, Asst. Treas. & Asst. Sec..... "
E. M. Westervelt, Land & Ind. Comr.....Lincoln, Neb

TRAFFIC.

C. J. Rohwitz, G. P. A.....Omaha, Neb
F. Montmorency, G. F. A.. "

ASST. GENERAL FREIGHT AGENTS.

J. B. Driggs.....Omaha, Neb
H. R. Freed..... "
J. F. Vallery.....Denver, Col

E. E. Grimes, Live Stk. Agt. Omaha, Neb

MECHANICAL.

T. Roope, Supt. M. P.....Lincoln, Neb
H. W. Ridgway, Asst. to Supt. M. P..... ....Denver, Col

MASTER MECHANICS.

C. O. Davenport.....Sterling, Col
J. Dietrich.....Lincoln, Neb
H. C. Gugler.....Wymore, Neb
G. E. Johnson.....Sheridan, Wyo
C. E. Melker.....Casper, Wyo
G. B. Pauley.....Omaha, Neb
H. H. Urbach.....McCook, Neb
O. E. Ward.....Alliance, Neb

ROAD FOREMEN.

P. F. Chryst.....Lincoln, Neb
J. Doyle.....Sheridan, Wyo
W. H. Dungan.....Denver, Col
R. E. French.....McCook, Neb
J. A. Hill.....Wymore, Neb
O. M. Hoenshell.....Omaha, Neb
J. T. King.....Sterling, Col
C. H. McBride.....Greybull, Wyo
S. M. Sadle.....Lincoln, Neb
H. Timmel.....Alliance, Neb

E. J. Wheeler, Gen. Car Insp. Lincoln, Neb

SUPERINTENDENTS OF SHOPS.

W. F. Ackerman.....Havelock, Neb
W. Baird.....Plattsmouth, Neb
J. B. Irwin.....Denver, Col

GENERAL FOREMEN.

A. L. Brown.....Greybull, Wyo
P. F. Burns.....Denver, Col
I. L. Duddie.....Wymore, Neb
H. E. Felter.....Alliance, Neb

GENERAL FOREMEN—CONTINUED.

W. C. Goldstine.....Lincoln, Neb
A. H. Kean.....Havelock, Neb
J. F. Lawlor.....Sheridan, Wyo
F. Martin.....Edgemont, S. D
G. B. McGill.....Sterling, Col
B. F. Price.....Denver, Col
E. A. Schrank.....McCook, Neb
W. Schwartz.....Casper, Wyo

FOREMEN WATER SERVICE.

G. Elliott.....Sterling, Col
J. M. Gustafsen.....Wymore, Neb
W. G. Holland.....Lincoln, Neb
F. Jernberg.....McCook, Neb
C. A. Larson.....Sheridan, Wyo
W. A. Rizor.....Casper, Wyo
S. H. Snyder.....Omaha, Neb
K. J. Stern.....Alliance, Neb

ENGINEERING, BRIDGES & ROADWAY

F. T. Darrow, Asst. Ch. Eng. Lincoln, Neb
W. G. McDonald, Supvr. Bldgs..... "
E. M. Anderson, Supvr. Brdgs. "

DISTRICT ENGINEERS.

W. H. Elker.....Lincoln, Neb
G. F. Hamilton.....Alliance, Neb

MASTER CARPENTERS.

B. Anderson.....Wymore, Neb
E. W. Bradley.....Sterling, Col
G. Fenney.....McCook, Neb
A. F. Hedengren.....Omaha, Neb
C. Holmberg.....Lincoln, Neb
M. Huffman.....Sheridan, Wyo
M. McKenzie.....Alliance, Neb
M. M. Myer.....Casper, Wyo
J. A. Skogreen.....Wymore, Neb

ENGINEERS MAINTENANCE OF WAY.

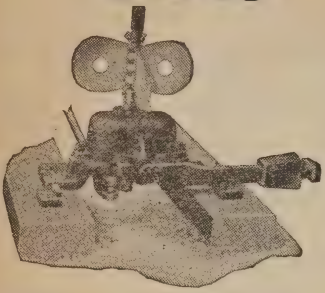
H. C. Murphy.....Lincoln, Neb
T. P. O'Neill (Asst.).....Alliance, Neb

ROAD MASTERS.

G. Adams.....Wymore, Neb
P. H. Brennan.....Newcastle, Wyo
J. E. Cable.....Bridgeport, Neb
B. Campbell.....Lincoln, Neb
F. Carlson.....Broken Bow, Neb
C. E. Double.....Lincoln, Neb
J. Emerson.....Alliance, Neb
J. T. Gilmore.....Deadwood, S. D
R. A. Hagberg.....McCook, Neb
W. Hawe.....Lincoln, Neb
P. Herigstad.....Denver, Col
E. D. Hoenshell.....Fremont, Neb
F. M. Hoenshell.....Omaha, Neb
R. Hurlbut..... Ferry, Neb. / P.O. South Sioux City
A. Ibson.....Central City, Neb
C. N. Johnston.....Curtis, Neb
L. W. Jones.....Alliance, Neb
W. C. Kerst.....Wymore, Neb
W. S. Koher.....Edgar, Neb
D. E. Lynch.....Sheridan, Wyo
P. O'Neil.....Casper, Wyo
E. B. Raichart.....McCook, Neb
T. V. Ross.....Douglas, Wyo
A. H. Sandusky.....Sheridan, Wyo
W. W. Slack.....Sutton, Neb
H. L. Stein.....Nebraska City, Neb
J. Toohey.....Sterling, Col
P. Trout.....Red Cloud, Neb

Classified Index to Railway Supplies appears on pages 57 to 187.

The DURO SWITCH STAND



A Gearless Switch Stand scientifically built for long service.

Designed and constructed to meet the requirements of modern railroads, the DURO will save more time and money than any other switch stand.

Write for descriptive folder.

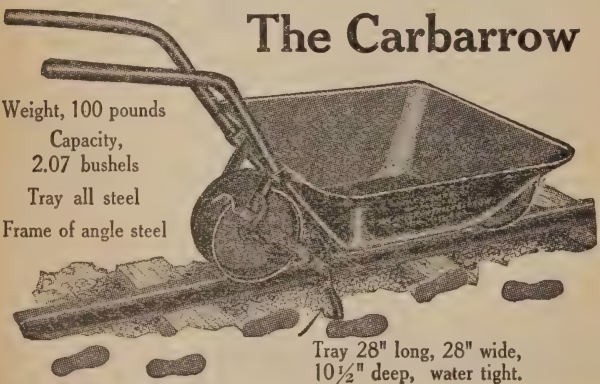
The American Valve and Meter Co.

Main Office—Cincinnati, Ohio

Branch Offices:

Chicago, Ill.—McCormick Bldg.
Boston, Mass.—Essex Bldg.
St. Louis, Mo.—Chemical Bldg.
Denver, Colo.—Barth Bldg.
Baltimore, Md.—724 E. Pratt St.
Richmond, Va.—Mutual Bldg.

The Carbarrow



Weight, 100 pounds
Capacity, 2.07 bushels
Tray all steel
Frame of angle steel

Tray 28" long, 28" wide, 10½" deep, water tight.

Order—THE CARBARROW. (Give size of rail head)

From—American Trackbarrow, Box 445, Lowell, Mass.

CHICAGO, BURLINGTON & QUINCY—Continued.

195b-Lines West of Missouri River
—Continued.

ROAD MASTERS—CONTINUED.

E. C. Walbridge.....Falls City, Neb
C. W. Watson.....Orleans, Neb
W. W. Weckwerth.....Tecumseh, Neb
S. H. Weckworth.....Greybull, Wyo

SIGNAL DEPARTMENT.

W. F. Zane, Asst. Sig. Eng. Lincoln, Neb

SIGNAL SUPERVISORS.

A. H. Anderson.....Alliance, Neb
A. A. Steuber.....Lincoln, Neb
W. W. Swanson.....McCook, Neb

196—197—

198—CHICAGO GREAT WESTERN R.R. CO.

1,496 Mls, 274 Loco, Cars: 9,824 Frt, 202 Pass, 287 Misc

Chicago address Grand Central Station.

EXECUTIVE, FINANCIAL AND LEGAL.

S. M. Felton, Chman..... } 122 So. Michigan Ave.,
N. L. Howard, Pres..... } Chicago, Ill
W. W. Sullivan, Asst. to Pres..... "
W. G. Lerch, V.-Pres. & Sec. "
A. C. Lange, Asst. Sec...New York, N.Y
C. A. Cook, Treas..... } Chicago, Ill.
A. A. Sieg, Asst. Treas..... }
W. L. Derr, Land & Tax Comr. "
R. M. Shaw, Gen. Coun..... } 38 So. Dearborn St., Chicago, Ill.
W. H. Jacobs, Gen. Solr. "

ACCOUNTING.

C. F. Krebs. Compt..... } Chicago, Ill.
M. E. Keehan. Asst. Compt.. }
W. H. Sievers, Aud. Disb..... "
F. B. Longfield, Aud. Frt. Rec... "
J. F. Wade, Aud. Pass. Rec.... "

TRAFFIC.

O. Townsend, Traf. Mgr..... } 122 So. Michigan Ave., Chicago, Ill
B. F. Parsons, G. F. A. "

ASST. GENERAL FREIGHT AGENTS.

B. J. DeGroodt.....Omaha, Neb
P. R. Flanagan.... } Minneapolis, Minn
} St. Paul, Minn
W. I. Laird.....Des Moines, Ia
T. L. Ritchey.....St. Joseph, Mo

R. A. Bishop, G. P. A.....Chicago, Ill
G. Bristow, Asst. Gen. Pass. Agt.....Kansas City, Mo
C. H. Rupert, Gen. Bag. Agt. Chicago, Ill

OPERATING.

C. L. Hinkle, Gen. Mgr. } 122 So. Michigan Ave, Chicago, Ill
E. W. Fowler, Asst. Gen. Mgr..... "
R. B. Croll, Supt. Trans } 303 Harrison St. Chicago, Ill.
G. O. Perkins, Supt. Tel. & Sig..... "
W. E. Meyers, Supt. Din. Cars. "
G. Miller, Supvr. Mail Traf..... } 122 South Michigan Ave., Chicago, Ill.
G. H. Hunt, Frt. Clm. Agt....Chicago, Ill

DIVISION SUPERINTENDENTS.

T. W. Fatherson.....Clarion, Ia
C. J. Foster.....Des Moines, Ia
S. V. Rowland.....St. Paul, Minn

DIVISION SUPERINTENDENTS—CONT'D.

B. E. Sheffer (Asst.).. } 303 Harrison St., Chicago, Ill.
E. E. Stoup.....Oelwein, Ia
T. A. Sweeney..... } 303 Harrison St., Chicago, Ill.

PURCHASING.

A. C. Simmons, Act. Pur. Agt. Chicago, Ill
J. L. Feemster, Gen. Str. Kpr. Oelwein, Ia
G. F. Marsh, Str. Kpr..... "

MECHANICAL.

E. J. Brennan, Supt. M. P..Oelwein, Ia
R. H. Bates, Mech. Eng... .. "

MASTER MECHANICS.

H. W. Ensign.....Clarion, Ia
G. W. Hain.....Stockton, Ill
M. Sheffer..... .....St. Paul, Minn
A. Young.....Des Moines, Ia

ROAD FOREMEN OF ENGINES.

S. G. Birchinall.....Des Moines, Ia
F. E. Hillman (Asst.)..Rochester, Minn
W. S. Knickerbocker.....Oelwein, Ia
E. E. Rhea.....Des Moines, Ia
A. K. Rowe.....St. Paul, Minn
W. F. Segner.....Clarion, Ia
J. J. Wells.....Chicago, Ill
M. F. Covert, Supt. Car Dept. Oelwein, Ia
J. W. Brewer, Supt. Shops.. "
G. R. Shirk, Ch. Elec..... "
R. M. Doty, Scale Supvr..... "
J. J. Kennedy, Air Brk. Inst. "

GENERAL FOREMEN.

W. C. Cade.....Oelwein, Ia
A. E. Jones.....St. Paul, Minn
S. C. Kennedy... ....Council Bluffs, Ia
C. E. Test.....Minneapolis, Minn
S. T. Corris, Gen. Car For...Oelwein, Ia

CAR FOREMEN.

P. M. Becker.....Oelwein, Ia
F. E. Botsford.....St. Joseph, Mo
F. L. Burke.....Oelwein, Ia
C. Gardner.....Mason City, Ia
P. Hartman.....St. Paul, Minn
G. H. Johnson.....Kansas City, Mo
F. C. Koll.....Fort Dodge, Ia
B. H. McKarrel (Frt.).....Chicago, Ill
H. E. Moran.....Council Bluffs, Ia
A. Peterson....East Minneapolis, Minn
E. C. Place.....Minneapolis, Minn
T. Popel.....Stockton, Ill
G. Sherman.....Chicago, Ill
J. A. Truesdale.....South Park, Minn
J. A. Wilhite.....Des Moines, Ia
G. F. Ziems.....Clarion, Ia

ROUNDHOUSE FOREMEN.

I. Barton ..... Chicago, Ill
C. C. Cannon.....Conception, Mo
A. J. Doig..... } E. Stockton, Ill
} P. O. Stockton
A. F. Helmbrecht.....Hayfield, Minn
F. O. Hillman.....Rochester, Minn
A. C. Koontz.....South Des Moines, Ia
W. Manahan.....Chicago, Ill
H. McKee.....Oelwein, Ia
R. A. Thorpe.....Clarion, Ia
C. Williams.....Mankato, Minn

ENGINEERING BRIDGES & ROADWAY

C. G. Delo, Ch. Eng.....Chicago, Ill
W. C. Harvey, Valua. Eng.. "
W. R. Roof, Brdg. Eng..... "

The Waterbury Unit Cylinder Cell,

With A R A Barrel Shape
H. R. Glass Jar

the **ALL ROUND BATTERY,** meets the two prime requirements of successful signal operation—

RELIABILITY and ECONOMY

A comprehensive service test will prove to your own satisfaction the economies and betterments of service that may be obtained by the use of Waterbury Unit Cylinder Cells and Renewals.

The Waterbury Battery Company

WATERBURY, CONN.

198—CHICAGO GREAT WESTERN—Continued

ASSISTANT ENGINEERS.

H. H. Edgerton, Jr.....Chicago, Ill
D. Hinman..... "

ENGINEERS MAINTENANCE OF WAY.

G. Cottingham.....Chicago, Ill
W. C. Groth.....St. Paul, Minn
F. J. Hoffman.....Clarion, Ia
F. U. Mayhew.....Des Moines, Ia

BRIDGE SUPERVISORS.

J. F. Carland.....Oelwein, Ia
H. H. Eggleston.....Des Moines, Ia
H. A. Elwell.....St. Paul, Minn
J. W. Herring.....Clarion, Ia
N. Johnson.....St. Charles, Ill

TRACK SUPERVISORS.

H. Berend.....Mason City, Ia
L. H. Brien.....Clarion, Ia
J. A. Bryant.....St. Charles, Ill
W. P. Clear.....Carroll, Ia
R. O. Dougherty.....Des Moines, Ia
J. Farrell.....Stockton, Ill
C. Finch.....New Hampton, Ia
O. Halling.....Red Wing, Minn
G. Lagerwall.....Oelwein, Ia
T. McCormick.....Dubuque, Ia
M. McDonnell.....St. Paul, Minn
J. W. Milett.....St. Joseph, Mo
W. O. Rutherford.....Marshalltown, Ia
C. W. Wall.....Rochester, Minn

SIGNAL DEPARTMENT.

G. O. Perkins, Supt. Tel. & Sig. Chicago, Ill
T. H. Kearton, Gen. Sig. Insp. "

SIGNAL SUPERVISORS.

E. Klaas.....Dubuque, Ia
L. I. Sheckler.....Mason City, Ia
W. Snowden.....Marshalltown, Ia
E. L. Waltz.....St. Paul, Minn

198a—CHICAGO, HARVARD & GENEVA LAKE RY. CO. (Electric).

12 Mls, 2 Loco, Cars: 13 Frt, 3 Pass, 2 Misc
Chicago address, 803 Harris Trust Bldg.

W. McKinley, Pres.....Chicago, Ill
O. C. Macy, V.-Pres..... "
C. N. Hebner, Sec. & Treas. Oak Park, Ill
T. Strassen, Aud..... } Walworth,
¶✠✪W. S. Haynes, Gen. Mgr. } Wis.
W. Neiman, For..... "

199—CHICAGO HEIGHTS TERMINAL TRANSFER R. R.

7 Mls, 5 Loco, Cars owned: None
Chicage address, 230 So. Clark St.

¶✪C. H. Wacker, Pres. & Gen. } Chicago,
Mgr..... } Ill.
L. M. Nicolson, Asst. to Pres.. "
P. S. Theurer, V.-Pres ..... "
E. D. Adams, Sec..... "
D. J. Ehlers, Aud..... "
F. C. McCarthy, Traf. Mgr.... "
★✠A. J. Bisbee, Supt..... } Chicago
E. Weiler, Car Acct..... } Heights, Ill

200—CHICAGO, INDIANAPOLIS & LOUISVILLE RY. CO.

654 Mls, 160 Loco, Cars: 6,768 Frt, 100 Pass, 167 Misc
Chicago address, 608 South Dearborn St

EXECUTIVE, FINANCIAL AND LEGAL.

✪H. R. Kurrie, Pres.....Chicago, Ill
E. P. Vernia, V.-Pres. (Traf.) "
P. J. Harkins, Sec. & } 120 Broadway,
Asst. Treas..... } New York, N. Y
B. Cassell, Treas. & Asst. Sec. Chicago, Ill
H. R. Mardorf, Asst. Sec. &
Asst. Treas..... "
C. C. Hine, Gen. Solr..... "
A. C. Evens, Gen. Atty.... "
G. B. Patton, Clm. Agt... Lafayette, Ind

ACCOUNTING.

R. G. Streit, Compt.....Chicago, Ill
E. C. Meyer, Asst. Compt... "
W. B. Patterson, Aud. Rev. "

TRAFFIC.

E. P. Vernia, V.-Pres.....Chicago, Ill
E. P. Cockrell, G. P. A..... "
C. M. Woodman, Asst. G. P. A. "
P. C. Patterson, G. F. A.... "
A. C. Tumy, Asst. G. F. A... "
S. J. Cooke, Asst. G. F. A... "
J. R. VanDelinder, Asst. G. F. A. "
W. E. Lawson, Frt. Clm. Agt. "
F. C. Berghaus, Supvr. Mails
& Exp. Traf..... "

OPERATING.

F. E. Lewis, Gen. Supt....Lafayette, Ind

DIVISION SUPERINTENDENTS.

W. H. Fogg.....Lafayette, Ind
D. E. Murphy (Term).....Chicago, Ill
J. R. Stemm.....Lafayette, Ind
E. A. Eskridge, Supt. Car
Serv.....Lafayette, Ind

PURCHASING.

¶J. H. Liebenthal, Pur. Agt..Chicago, Ill
R. Bostwick, Gen. Str.
Kpr.....Lafayette, Ind

STORE KEEPERS.

G. E. Cotton..Belt Jct., Indianapolis, Ind
E. Jonas.....South Hammond, Ind
P. W. Nolan.....Bloomington, Ind

MECHANICAL.

§ W. A. Callison, Supt. M. P. } Lafayette,
L. B. Morehead, Mech. Eng. § Ind.

MASTER MECHANICS.

W. M. English.....Lafayette, Ind
D. D. Robertson..... "
J. T. Strubel.....Bloomington, Ind

ROAD FOREMEN OF ENGINES.

F. J. Bryant.....Lafayette, Ind
A. M. Martin.....Bloomington, Ind
J. S. Naery, M. C. B..... } Lafayette,
K. J. Lamcool, Supvr. Fuel } Ind

ENGINEERING, BRIDGES & ROADWAY

A. S. Kent, Ch. Eng.....Chicago, Ill
E. M. Graham, Prin. Asst. Eng. "
A. Anderson, Eng. M. W. Lafayette, Ind
L. W. Dinsmore, Asst. Eng.
M. W..... "
J. M. Caldwell, Supt. B. & B. "

ROAD MASTERS.

C. Koontz.....Bedford, Ind
C. McCullough.....Monon, Ind
B. Rohrabaugh.....Lafayette, Ind
C. E. Wampler.....Bloomington, Ind

SIGNAL DEPARTMENT.

E. G. Stradling, Supt. Tel.
& Sig.....Lafayette, Ind
F. A. Selke, Sig. Supvr.. "
E. E. Ireland, Tr. Cont. Insp. "
A. J. Yarrell, Sig. Insp.. "
V. C. Alford, Sig. Insp... "

WESTERN RAILWAY EQUIPMENT CO.

LOUIS A. HOERR, President
S. H. CAMPBELL, Vice President
R. L. LANGTIM, Mech. Supt.

St. Louis

General Offices
705 OLIVE STREET

Sure-Lox Draft Key Retainer

Unitary Retainer Valve Holder

Interlox Floor Clips

Western Sill and Carline Pockets

Interlox Brake Shaft Ratchets

Western Brake Jaws

Acme Pipe Clamps

Republic Draft Gear

Linstrom Syphon Pipes

Security Dust Guards

Downing Card Holders

Western Bell Ringer

201—CHICAGO JUNCTION RY.
(*The Chicago River & Indiana R. R. Co., Lessee.*)
252 Mls, 55 Loco, Cars: 195 Frt, 16 Misc
New York address, 466 Lexington Ave.

EXECUTIVE, FINANCIAL AND LEGAL.
P. E. Crowley, Pres.....New York, N. Y
G. Hannauer, V.-Pres.....Chicago, Ill
E. L. Whitney, Asst. to V.-Pres. "
E. F. Stephenson, Sec..... } New York,
J. M. O'Mahoney, Asst Sec. } N. Y
H. G. Snelling, Gen. Treas. "
F. D. O'Connor, Treas.... } U. S. Yards, Chicago, Ill

ACCOUNTING.
W. C. Wishart, Compt..New York, N.Y
E. S. Gentle, Aud..... } U. S. Yards,
J. P. Molloy, Asst. Aud... } Chicago, Ill

OPERATING.
W. J. O'Brien, Gen. Mgr.. } U. S. Yards,
J. Fitzmorris, Asst. to Gen. Mgr..... } Chicago, Ill.
L. Podesta, Supt..... "
J. J. Kinsella, Supt. C. S... "
T. F. Barry, Safety Agt.... "
R. F. Finley, Supt. Tel.....Cleveland, O

PURCHASING.
¶ W. McMaster, Pur. Agt.....Chicago, Ill
R. J. Aul, Str. Kpr.....Gibson, Ind

MECHANICAL.
P. A. Campbell, M. M.....Chicago, Ill
E. M. Wilcox, M. C. B.....Gibson, Ind
H. Ziemer, Gen. For. Dept. } U. S. Yards, Chicago, Ill

ENGINEERING, BRIDGES & ROADWAY
O. H. Gersbach, Ch. Eng.. } U. S. Yards,
D. A. Young, Valua. Eng.. } Chicago, Ill
G. G. Austin, Gen. Rd. Mast..... } 39th & Iron Sts Chicago, Ill.
T. Murphy, Asst. Rd. Mast.. "

202—CHICAGO, KALAMAZOO & SAGINAW RY. CO.
45 Mls, 4 Loco, Cars: 19 Frt, 3 Pass, 10 Misc.
✪ S. D. J. Hackett, Supt...Kalamazoo, Mich
For other officials see M. C. R. R., No. 600.

——CHICAGO, LAKE SHORE & SOUTHBEND RY. CO. (Electric).
See Chicago, So. Shore & So. Bend, 209b.

203—CHICAGO, MILWAUKEE & GARY RY. CO.
121 Mls, 15 Loco, Cars: 14 Frt, 22 Misc
Chicago address, Union Station.
H. E. Byram, Pres.....Chicago, Ill
J. T. Gillick, V.-Pres..... "
T. W. Burtness, Sec.....Milwaukee, Wis
A. G. Loomis, Treas.....Chicago, Ill
H. H. Field, Gen. Coun..... "
W. V. Wilson, Aud..... "
T. W. Proctor, G. F. A..... "
W. M. Thurber, Supt.....Savanna, Ill
¶ G. H. Walder, Pur. Agt.....Chicago, Ill
P. L. Mullen, M. M.....Savanna, Ill
§ J. McEntee, For. Car Dept..Rockford, Ill
C. F. Loweth, Ch. Eng.....Chicago, Ill
W. J. Whalen, Rd Mast..... Joliet, Ill

204—CHICAGO, MILWAUKEE & ST. PAUL RY.
10,796 Mls, 2,083 Loco (including 63 Electric), Cars: 67,104 Frt, 1,587 Pass, 4,919 Misc
Mileage also shown separately for each line.

System Officials.
Chicago address, Union Station.
Milwaukee address, Majestic Bldg.
New York address, 42 Broadway.
Seattle address, White Bldg.
Receivers appointed March 18, 1925.

EXECUTIVE, FINANCIAL AND LEGAL.
H. E. Byram, Recr.....Chicago, Ill
M. W. Potter, Recr..... "
E. J. Brundage, Recr..... "
F. H. Johnson, Asst. to Recr. "
L. W. Spratlen, Asst. to Recr. "
O. M. Stevens, Asst. to Recr. "
✪ J. T. Gillick, Ch. Oper. Off.. "
C. M. Dukes, Asst. to Ch. Oper. Off..... "
H. E. Pierpont, Act. Ch. Traf. Off..... "
¶ D. C. Curtis, Ch. Pur. Off... "
W. W. K. Sparrow, Ch. Fin. & Acct. Off..... "
J. Welch, Asst. Sec. & Asst. Treas.....New York, N. Y
T. W. Burtness, Sec..... } Milwau-
A. C. Hagensick, Asst. Sec.... } kee, Wis
A. G. Loomis, Treas.....Chicago, Ill
J. Dickie, Asst. Treas..... "
H. H. Field, Gen. Coun..... "
O. W. Dynes, Gen. Solr..... "
C. S. Jefferson, Gen. Atty.. "
F. M. Dudley Gen. Atty..Seattle, Wash
J. N. Davis, Commerce Coun. Chicago, Ill
C. R. Sutherland, Asst. Gen. Solr..... "
M. L. Bluhm, Asst. Gen. Solr. "
J. C. Ellington, R. E. Agt... "
A. S. Dudley, Tax Comr. Milwaukee, Wis
C. H. Dietrich, Frt. Clm. Agt. Chicago, Ill
G. W. Loderhose, Asst. Frt. Clm. Agt..... "

ACCOUNTING.
W. W. K. Sparrow, Ch. Fin. & Acct. Off.....Chicago, Ill
W. V. Wilson, Compt..... "
J. H. Howard, Asst. Compt. "
O. P. Barry, Asst. Compt... "
J. W. Severs, Aud. Expend. "
A. E. Lodge, Aud. Invst. & Joint Faclt. Accts..... "
F. H. Jeffrey, Aud. Sta. Accts. "
W. P. Heuel, Aud. Overcharge Clms..... "
W. F. Miller, Frt. Aud..... "
W. Kruckstein, Tkt. Aud... "
E. J. Knoll, Car Acct..... "
B. A. Dousman, Gen. Acct.. "
C. E. Oliphant, Ch. Statis... "

TRAFFIC.
H. E. Pierpont, Act. Ch. Traf. Off.....Chicago, Ill
C. H. Mitchell, Frt. Traf. Mgr. "
G. B. Haynes, Pass. Traf. Mgr. "
W. B. Dixon, G. P. A..... "
W. D. Carrick, G. B. A. Milwaukee, Wis

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

AMERICAN STEEL FOUNDRIES

Cast Steel Bolsters

Ajax and Hercules Brake Beams

Car and Locomotive Steel Castings

Simplex Clasp Brakes

ARA Type "D" Couplers

Simplex Couplers

Coupler Pockets

Janney Vertical Key Yokes

Administration Type Horizontal Key Yokes

Economy Cast Steel Draft Arms

Andrews, Vulcan, and Integral Box Side Frames

Coil, Elliptic, Volute Springs

Davis "One-Wear" Steel Wheels

"HYLASTIC" Steel Locomotive Frames

CHICAGO

NEW YORK ST. LOUIS

204—CHICAGO, MILWAUKEE & ST. PAUL—Cont'd

System Officials—Continued.

OPERATING.

J. T. Gillick, Ch. Oper. Off..Chicago, Ill
C. M. Dukes, Asst. to Ch. Oper. Off..... "
J. L. Brown, Supt. Trans... "
L.J.Benson,Gen.Supt.Police. "
N. J. Van Schoyck, Supvr. Mail & Exp. Traf..... "
L. M. Jones, Supt. Sleep. & Din.Cars ..... "
E. A. Patterson, Supt. Tel. } Milwaukee
A. C. Adams, Asst. Supt. Tel..... } Wis.
W.L.Ennis, Supvr. Refrig'n.Chicago,Ill
H. A. Wicke, Supvr. Claim. Prev..... "
A. W. Smallen, Gen. Supvr. Safety & Fire Prev..... "

PURCHASING AND STORES.

¶D. C. Curtis, Ch. Pur. Off...Chicago, Ill
W. A. Linn, Asst. to Ch. Pur. Off..... "
¶G. H. Walder, Pur. Agt..... "
F.J.O'Conner, Asst.Pur.Agt. "
J.T.Kelly, Gen.Str.Kpr.Milwaukee,Wis
J. V. Miller, Asst. Gen. Str. Kpr..... "

MECHANICAL.

L. K. Sillcox, Gen. Supt. M. P.....Chicago, Ill
G. T. Martin, Asst. to Gen. Supt. M. P..... "
K.F.Nystrom,Eng.M.P.&R.S. "
C. H. Bilty, Mech. Eng... } Milwaukee,
H.J.Sjogren, Asst. Mech.. Eng..... } Wis.
G.N. Prentiss, Eng. Tests... "
A. G. Hoppe, Ch. Mech. Insp. "
H. W. Ostrom, Ch. Chem...Chicago, Ill
C. G. Juneau, M. C. B..... } Milwaukee,
J. A. Deppe, Asst. M. C. B. } Wis.
A.W. Novak, Gen. Boiler Insp..... } Minneapolis, Minn.
E. J. Summers, Fuel Supvr. Chicago, Ill
C. R. Gilman, Car Lighting Eng..... } Milwaukee, Wis.
J. Elder, Supvr. Air Brks... "
P. G. Winter, Lubri. Eng...Chicago, Ill
T. M. Kirkby, Spec. Rep. to Gen. Supt. M. P..... "
H. S. Peck, Supvr. Loco. & Power Plant Oper..... "

ENGINEERING, BRIDGES & ROADWAY

C. F. Loweth, Ch. Eng.....Chicago, Ill
W. H. Penfield, Eng. M. W. "
W. Shea, Gen. Rd. Mast..... "
C.H.Koyl, Eng. Water Serv. "
T. H. Strate, Eng. Trk. Elev. "
C.N.Bainbridge, Eng. Design. "
J. C. Mill, Sig. Eng.....Milwaukee, Wis

204a—Eastern Lines.

7,738 Mls (Mileage also included in C. M. & St. P. Ry. Co., No. 204).

OPERATING.

O. N. Harstad, Gen. Mgr....Chicago, Ill
C. H. Buford, Asst. Gen. Mgr. "
W.S.Cooper, Asst. to Gen. Mgr. "

GENERAL SUPERINTENDENTS.

C. S. Christoffer.....Minneapolis, Minn
E. W. Lollis.....Chicago, Ill
W. J. Thiele.....Milwaukee, Wis

DIVISION SUPERINTENDENTS.

F. E. Devlin.....Green Bay, Wis
F. C. Dow.....Beloit, Wis
A. J. Elder.....Sioux City, Ia
M. J. Flanigan.....Marion, Ia
O. H. Frick.....Portage, Wis
J. E. Hills.....Aberdeen, S. D
B. F. Hoehn.....Ottumwa, Ia
W. F. Ingraham.....Mason City, Ia
L. T. Johnston.....Minneapolis, Minn
J. A. Macdonald.....Madison, Wis
E. A. Meyer.....Dubuque, Ia
P. H. Nee.....Montevideo, Minn
N. A. Ryan.....Terre Haute, Ind
N. P. Thurber.....Wausau, Wis
W. M. Thurber.....Savanna, Ill
G. A. Van Dyke.....Austin, Minn
B. F. Van Vliet.....Des Moines, Ia

ASST. DIVISION SUPERINTENDENTS.

J. F. Anderson.....Kansas City, Mo
L. B. Beardsley.....Sioux City, Ia
T. P. Horton.....Terre Haute, Ind
A. C. Peterson.....Green Bay, Wis
W. L. Schmitz.....Perry, Ia

SUPERINTENDENTS OF TERMINALS.

E. H. Bannon.....Minneapolis, Minn
C. A. Bush (Asst.).....Milwaukee, Wis
H. F. Gibson (Asst.)....Bensenville, Ill
D. W. Kelly.....Milwaukee, Wis
R. D. Miller (Asst.).... "
C. L. Whiting.....Chicago, Ill

H. G. Fowler, Asst. Supt. Trans.....Chicago, Ill
G. R. Morrison, Supt. Employment Bureau..... "
W. C. Juhnke, Asst. Supt. Sleep. Cars..... "
Dr.B.F.Lounsbury, Ch.Surg. "
G. F. Baker, Gen. Adjuster. "

TRAFFIC.

ASST. FREIGHT TRAFFIC MANAGERS.

E. B. Finegan.....Chicago, Ill
T. W. Proctor..... "
J. H. Skillen..... "

E. W. Soergel, G. F. A.....Chicago, Ill

ASSISTANT GENERAL FREIGHT AGENTS.

O. T. Cull.....Chicago, Ill
J. M. Davis.....Milwaukee, Wis
J. A. Farmar.....Chicago, Ill
S. G. Grace..... "
A. C. Hultgren..... "
G. W. Myers..... "
R. C. Sanders..... "
G. E. Stolp..... "

C. L. Kennedy, Gen. N. W. Frt. Agt.....Minneapolis, Minn

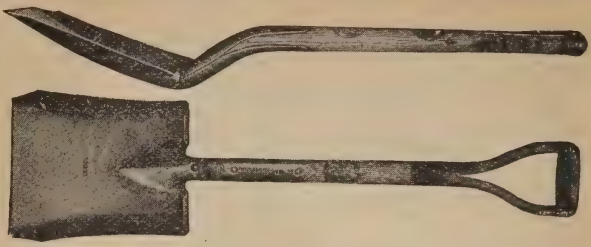
ASST. GENERAL PASSENGER AGENTS.

J. Caldwell.....Chicago, Ill
W. J. Cannon..... "

J. T. Averitt, Coal Traf. Agt. Chicago, Ill

PURCHASING.

See C., M. & St. P. Ry., No. 204.



The "H. K. Wood's Mo-lyb-den-um Steel"

SHOVELS and SCOOPS

Have proved in every test conducted to be the most economical and efficient shovels and scoops made.

THE WOOD SHOVEL & TOOL COMPANY
Piqua, Ohio

CHICAGO, MILWAUKEE & ST. PAUL—Continued.

204a—Eastern Lines—Continued.

STORE DEPARTMENT.

DISTRICT STORE KEEPERS.

J. V. Anderson (Asst.). Minneapolis, Minn
G. F. Lake (Asst.) ..... Dubuque, Ia
J. C. McDonald ..... "
F. S. Peck ..... Milwaukee, Wis
J. Remehr ..... Tomah, Wis
G. T. Richards ..... Minneapolis, Minn

DIVISION STORE KEEPERS.

H. F. Dell ..... Wausau, Wis
W. F. Freebern ..... Madison, Wis
J. Gove ..... Aberdeen, S. D
J. M. Hackett ..... Portage, Wis
A. C. Harris ..... Tomah, Wis
R. F. Havmeyer ..... Green Bay, Wis
L. R. Lange ..... Sioux City, Ia
A. M. Lemay ..... Austin, Minn
E. H. Lyons ..... Chicago, Ill
H. R. Meyer ..... Marion, Ia
C. W. Pearce ..... Terre Haute, Ind
H. E. Rice ..... Mason City, Ia
C. C. Smola ..... Savanna, Ill
O. G. Thomas ..... Ottumwa Jct., Ia; P. O. Ottumwa.
F. S. Pooler, Tie Agt ..... Chicago, Ill
H. R. Toohey, Insp. Strs. Milwaukee, Wis

MECHANICAL.

R. W. Anderson, Supt. M. P. } Milwaukee.
J. E. Bjorkholm, Asst. } Wis.
Supt. M. P. ..... "

DIVISION MASTER MECHANICS.

H. Abrahart (Asst.) ..... Chicago, Ill
H. J. Culbertson ..... Green Bay, Wis
W. H. Dempsey (Asst.) .. Milwaukee, Wis
H. G. Dimmitt ..... Austin, Minn
C. L. Emerson ..... Chicago, Ill
W. N. Foster ..... Marion, Ia
M. P. Hannon ..... Dubuque, Ia
R. C. Hempstead ..... Ottumwa Jct., Ia; P. O. Ottumwa.
G. P. Hodges ..... Mason City, Ia
E. W. Hopp ..... Aberdeen, S. D
W. J. Hughes ..... Beloit, Wis
W. Joost ..... Milwaukee, Wis
R. H. Kautzsky ..... Des Moines, Ia
W. C. Kenney ..... Madison, Wis
A. M. Martinson ..... Montevideo, Minn
F. P. Miller ..... Portage, Wis
P. L. Mullen ..... Savanna, Ill
G. E. Passage ..... Terre Haute, Ind
F. L. Paul ..... Sioux City, Ia
J. W. Phillips ..... Milwaukee, Wis
J. Turney ..... Minneapolis, Minn

TRAVELING ENGINEERS.

R. Austin ..... Austin, Minn
W. W. Bates ..... Ottumwa Jct., Ia; P. O. Ottumwa.
C. A. Beebe (Asst.) ..... Mitchell, S. D
W. C. Blase ..... Minneapolis, Minn
H. Dersch ..... Marion, Ia
S. Einerson ..... Dubuque, Ia
W. H. Hart ..... Green Bay, Wis
F. Hemsey ..... Minneapolis, Minn
P. H. Hughes ..... Savanna, Ill
W. Johnson ..... Mason City, Ia
J. J. Little ..... Portage, Wis
J. P. Lutze ..... Perry, Ia

TRAVELING ENGINEERS—CONTINUED.

O. A. Mattice ..... Aberdeen, S. D
H. S. Rowland ..... Sioux City, Ia
E. Schmidt ..... Montevideo, Minn
H. A. Van Brunt (Act.) ..... West Clinton, Ind; P. O. St. Bernice
J. Bodenberger, Gen. Rd. For. Eng ..... Milwaukee, Wis

SHOP SUPERINTENDENTS.

J. A. Anderson ..... Milwaukee, Wis
G. Lamberg ..... Minneapolis, Minn
J. J. Hennessey, Asst. M. C. B. ..... Milwaukee, Wis
J. E. Mehan, Asst. to M. C. B. ..... "

DISTRICT GENERAL CAR FOREMEN.

M. M. Dick ..... Terre Haute, Ind
M. J. LaCourt ..... Milwaukee, Wis
E. F. Palmer ..... Minneapolis, Minn
W. Snell ..... Chicago, Ill

GENERAL CAR FOREMEN.

W. E. Campbell ..... Milwaukee, Wis
J. T. Clarke, Sr., Sheffield Sta., Coburg, Mo
L. B. Faltynski ..... Sioux City, Ia
M. L. Hynes ..... Green Bay, Wis
G. Larson ..... Minneapolis, Minn
T. J. Lentz ..... Terre Haute, Ind
J. M. Linehan ..... Savanna, Ill
H. C. Pearce ..... Aberdeen, S. D
M. P. Schmidt ..... Council Bluffs, Ia
F. A. Shoulty ..... Dubuque, Ia
F. J. Swanson ..... Chicago, Ill

GENERAL FOREMEN.

L. B. Jenson (Pass. Dept.). } Milwaukee,
E. Kruschka (Asst. Pass. } Wis.
Dept.) ..... "
C. Reichert (Frt. Dept.) .... "
J. J. Crowley, Ch. Elec. . Milwaukee, Wis
C. Petran, Gen. Mach. Shop For ..... "
H. E. Brownell, Gen. For. Foundry ..... "
G. Schwates, For. Paint. "
H. Watson, For. Paint ..... Minneapolis, Minn

ENGINEERING, BRIDGES & ROADWAY

A. G. Holt, Asst. Ch. Eng Chicago, Ill

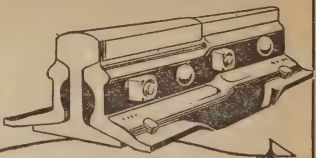
DISTRICT ENGINEERS.

A. Daniels ..... Minneapolis, Minn
A. D. Emery (Asst.) .. "
C. T. Jackson ..... Chicago, Ill
C. Lapham (Asst.) ..... Milwaukee, Wis
C. U. Smith ..... "
W. E. Wood (Asst.) ..... Chicago, Ill
M. L. Mitchell, Prin. Asst. Eng ..... Chicago, Ill
N. H. LaFountain, Gen. Supvr. Bldgs ..... "
A. O. Lagerstrom, Arch .... "
J. M. Hayes, Supt. Work Equip ..... "
C. H. Ordas, Supvr. Mot. Cars "
E. H. Pfaffiin, Div. Eng. . Terre Haute, Ind

ASSISTANT ENGINEERS.

E. L. Bahls ..... Chicago, Ill
H. C. Blake ..... Minneapolis, Minn
W. H. Blanchard ..... Milwaukee, Wis
E. W. Bolmgren ..... Minneapolis, Minn
M. A. Bost ..... "
A. L. Burt ..... Terre Haute, Ind

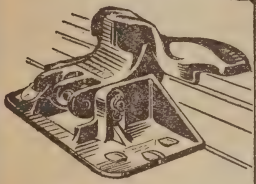
SAFETY ELECTRIC LIGHT The Safety C. H. & L. Co.
USED ON 71 LEADING RAILROADS. 2 Rector Street, New York.



Q & C DEVICES

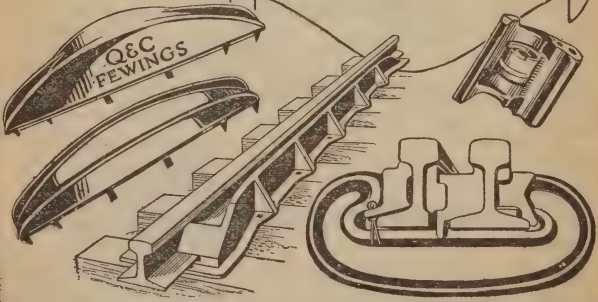
RAIL JOINTS:
- Insulated
- Bonzano-Thomson
- Cast Metal
- Rolled Steel Step

DERAILS
RAIL BENDERS
RAIL SAWS
SKID SHOES
GUARD RAIL CLAMPS
GUARD RAIL BRACES
ONE PIECE GUARD RAIL
ELECTRIC SNOW MELTERS
STEEL FENCE POSTS
EMERGENCY KNUCKLES
CAR REPLACERS
ROLLER SIDE BEARINGS
SNOW FLANGERS
COUPLER CENTERING DEVICES



The Q & C Co.

CHICAGO NEW YORK ST. LOUIS



CHICAGO, MILWAUKEE & ST. PAUL—Continued.

204a—Eastern Lines—Continued.

ASST. ENGINEERS—CONTINUED.

B. V. Burtch.....Milwaukee, Wis
H. B. Christianson.....Sioux City, Ia
H. G. Crow.....Mason City, Ia
W. A. Crowe.....Minneapolis, Minn
H. J. Hansen.....Chicago, Ill
R. G. Heck.....Savanna, Ill
P. Jenny.....Milwaukee, Wis
E. H. Johnson.....Dubuque, Ia
R. W. Johnson.....Chicago, Ill
F. E. King.....Minneapolis, Minn
F. R. King.....Milwaukee, Wis
T. B. Knuth.....Chicago, Ill
W. M. Ludolph..... "
W. F. McDonald.....Milwaukee, Wis
G. W. Pasko.....Minneapolis, Minn
N. F. Podas..... "
F. E. Rice..... "
W. E. Shawhan.....Chicago, Ill
E. L. Sinclair.....Marion, Ia
S. H. Smith.....Chicago, Ill
C. J. Swane.....Milwaukee, Wis
W. H. Vosburg.....Ottumwa, Ia
J. G. Wetherell.....Milwaukee, Wis
H. Wuerth.....Chicago, Ill
A. Yappen..... "
F. D. Yeaton..... "

CHIEF CARPENTERS.

E. E. Clothier.....Perry, Ia
A. Czamanske.....Green Bay, Wis
O. H. Czamanske.....Portage, Wis
L. J. Denz.....Chicago, Ill
H. Eggert.....Milwaukee, Wis
V. Engman.....Terre Haute, Ind
J. Evans.....Ottumwa, Ia
C. Gradt.....Savanna, Ill
N. Gregory.....Madison, Wis
V. Hansen.....Montevideo, Minn
A. A. Kurzejka.....Minneapolis, Minn
S. J. Kurzejka.....Wells, Minn
G. B. Lawrence.....Mitchell, S. D
C. J. McCarthy.....Aberdeen, S. D
E. McGuire.....Marion, Ia
R. E. Nichols.....Elk Point, S. D
W. J. O'Brien.....Milwaukee, Wis
J. Ostrom.....Wabasha, Minn
F. E. Smoot.....Mason City, Ia
G. Tornes.....Dubuque Shops, Ia

ROAD MASTERS.

A. J. Anderson.....Aberdeen, S. D
L. Anderson.....Rockwell City, Ia
W. H. Armstrong.....Horican, Wis
F. M. Barnoske.....Ottumwa Jct., Ia; P. O. Ottumwa.
G. Barnoske.....Marion, Ia
T. C. Barrett.....Janesville, Wis
E. Callahan.....Wausau, Wis
A. F. Carlson.....Watertown, Wis
C. Carlson.....Red Wing, Minn
J. A. Cherwinker.....Perry, Ia
S. L. Core.....Rapid City, S. D
R. H. Cunningham.....Chillicothe, Mo
C. A. Drawheim.....Milwaukee, Wis
E. G. Drury (Asst.).....Monticello, Ia
T. A. Ealy.....Yankton, S. D
R. A. Erdman.....Madison, Wis
J. Flanagan.....Des Moines, Ia
H. Gasper.....Mason City, Ia

ROAD MASTERS—CONTINUED.

J. Gilkison.....Terre Haute, Ind
J. J. Gould.....Beloit, Wis
L. Hansen.....Aberdeen, S. D
J. S. Healy.....Austin, Minn
J. Henberger.....Cragin Sta., Chicago, Ill.
W. Hickey (Asst.).....Madison, Wis
A. H. Hobart.....Milbank, S. D
J. H. Johns.....Horicon, Wis
J. Kelly.....Portage, Wis
N. F. Kelsey.....Dubuque, Ia
C. E. Kemp.....Yankton, S. D
F. Kovlaska.....Monticello, Ia
H. K. Krohn.....Farmington, Minn
J. A. Larkoski.....Madison, S. D
G. A. Larsen.....Merrill Park, Milwaukee, Wis
F. Larson.....Minneapolis, Minn
J. F. Larson.....Cologne, Minn
C. Lind.....Minneapolis, Minn
H. Lindeman.....Channing, Mich
J. T. Loftus.....Wausau, Wis
F. F. Luskow.....Lanesboro, Minn
D. Mau.....Milwaukee, Wis
T. McGee.....Madison, S. D
E. E. McLellan.....Wabasha, Minn
P. McMahon.....Mitchell, S. D
W. A. Moberly.....Elgin, Ill
C. A. Montgomery.....Mason City, Ia
J. Murphy.....Sioux Falls, S. D
M. Murphy.....Tama, Ia
M. J. Murphy.....Terre Haute, Ind
P. Neugent.....Green Bay, Wis
R. J. O'Connor.....Savanna, Ill
F. Phelan.....Milbank, S. D
W. Ranallo.....Western Ave. Sta., Chicago, Ill
H. Redlich.....Wausau, Wis
A. Reedy.....Terre Haute, Ind
O. P. Ronning.....Montevideo, Minn
E. Schoech.....Ottumwa Jct., Ia; P. O. Ottumwa.
J. C. Schweikert.....Green Bay, Wis
G. Swanson.....McGregor, Ia
A. Tubaugh.....Ottumwa Jct., Ia; P. O. Ottumwa.
J. J. Van Bockern.....Milwaukee, Wis
W. Walsh.....Austin, Minn
G. W. Wean.....Sioux City, Ia
J. P. Whalen.....Madison, Wis
W. J. Whalen.....Joliet, Ill
W. Zimmerman.....Beloit, Wis

SIGNAL DEPARTMENT.

L. B. Porter, Asst. Sig. Eng.....Milwaukee, Wis.
W. F. Seemuth, Off. Eng.. "

SIGNAL INSPECTORS.

W. F. Auch.....Milwaukee, Wis
J. Ellefson..... "
C. Mattes..... "
E. J. Muckerheide..... "
O. Olsen..... "

SIGNAL SUPERVISORS.

A. F. Alexander.....Minneapolis, Minn
R. S. Bentley.....Terre Haute, Ind
L. Gerhart, Western Ave. Station.....Chicago, Ill
J. F. McConahay.....Milwaukee, Wis
A. O. Swift.....Savanna, Ill

✪Officer whose name is filed with the Interstate Commerce Commission as authorized to issue transportation.

Mechanical Rubber Goods

BELTING

Axle Lighting - Transmission - Conveying

HOSE

Steam Heat - Air Brake - Tank-Water

PACKINGS

P. P. P. Rod - Ebonite Sheet
Gaskets - Matting - Tubing

Complete Line of Mechanical Rubber Goods For Railroad Requirements

QUAKER CITY RUBBER CO.

Main Office and Factory PHILADELPHIA

CHICAGO PITTSBURGH NEW YORK SAN FRANCISCO

NATIONAL VULCANIZED FIBRE

Lighter than aluminum; strong as iron; cheaper than wood . . . For gears, washers, insulation parts, mill receptacles, cauls, trunks, etc. . . . Will not splinter, crack, dent or rust. . . . In rods, sheets, tubes and special shapes as required. For information, address

PHENOLITE

Laminated BAKELITE

For perfect electrical insulation. . . Combines great physical and dielectric strength with fine machining quality. . . . Does *not* expand with heat—shrink with cold—deteriorate with age, or "cold flow" under pressure. . . . In sheets, rods, tubes and special shapes. For information write Phenolite PoductsDiv.

National Vulcanized Fibre Co., Wilmington, Del., U. S. A.

We operate six great plants and maintain sales and service offices at New York, Chicago, Boston, Philadelphia, Pittsburgh, Cleveland, Milwaukee, Los Angeles, San Francisco, Detroit, Rochester, Birmingham, Denver, Seattle, Toronto, Greenville, St. Louis, Baltimore, New Haven.

CHICAGO, MILWAUKEE & ST. PAUL—Continued

204a—Eastern Lines—Continued.

ASSISTANT SIGNAL SUPERVISORS.

E. D. Barton.....Webster, S.D
F. Bornitzke.....Watertown, Wis
G. O. Downing.....Sturtevant, Wis
O. Fohey.....Elgin, Ill
W. Holdorf.....Marion, Ia
W. Ivey.....Perry, Ia
A. Koenig, Western Ave. Station.....Chicago, Ill
J. O'Connor.....Mason City, Ia
J. Regan.....Milwaukee, Wis
H. J. Thomas.....Hastings, Minn

204b—Western Lines.

3,058 Mls. (Mileage also included in C. M. & St. P. Ry. Co., No. 204).

OPERATING.

C. O. Bradshaw, Gen. Mgr. Seattle, Wash
E. H. Barrett, Asst. to Gen. Mgr.....Butte, Mont
N. A. Meyer, Asst. Supt. Trans.....Seattle, Wash
E. F. Rummell, Gen. Supt. Butte, Mont

DIVISION SUPERINTENDENTS.

A. C. Bowen.....Miles City, Mont
A. J. Busch (Asst.).....Bozeman, Mont
E. L. Cleveland.....Lewistown, Mont
N. H. Fuller.....Spokane, Wash
H. M. Gillick.....Mobridge, S. D
T. J. Hamilton (Asst.)..Tacoma, Wash
J. P. Phelan.....Deer Lodge, Mont
D. E. Rossiter.....Tacoma, Wash
M. Sawyer.....Port Angeles, Wash
H. G. Selby.....Bellingham, Wash

A. E. Kirkland, Asst. Supt. Sleep. & Din. Cars..... Tacoma, Wash
Dr. A. I. Bouffleur, Ch. Surg. Seattle, Wash
F. M. Dudley, Gen. Atty.. "
F. H. Williams, R. E. & Tax Agt..... "

TRAFFIC.

F. N. Hicks, Asst. Traf. Mgr.....Seattle, Wash
F. J. Calkins, Asst. G. F. A. "
O. P. Kellogg, Asst. G. F. A. "
A. P. Chapman, Jr., Asst. G. P. A..... "
C. G. Harlbut, Asst. Frt. Clm. Agt..... "

PURCHASING.

¶ C. S. Finlayson, Asst. Pur. Agt.....Seattle, Wash
A. J. Kroha, Asst. Gen. Str. Kpr.....Tacoma, Wash

DISTRICT STORE KEEPERS.

G. A. J. Carr.....Deer Lodge, Mont
D. B. Rivers.....Miles City, Mont

DIVISION STORE KEEPERS.

W. D. Askew.....Lewistown, Mont
G. T. Felzer.....Tacoma, Wash
R. A. Good.....Harlowton, Mont
F. J. Kratschmer....Spirit Lake, Idaho
G. S. Sheridan.....Mobridge, S. D

G. O. Mason, Insp. of Stores.....Tacoma, Wash

MECHANICAL.

H. W. Williams, Supt. M. P. Tacoma, Wash
J. S. Griffith, Asst. Supt. M. P..... "
R. Beeuwkes, Elec. Eng..Seattle, Wash

DIVISION MASTER MECHANICS.

C. E. Brook.....Bellingham, Wash
T. McFarlane.....Mobridge, S. D
P. T. O'Neill.....Spokane, Wash
H. E. Riccius.....Miles City, Mont
E. Sears.....Deer Lodge, Mont
J. A. Wright.....Tacoma, Wash

TRAVELING ENGINEERS.

F. Buchanan.....Tacoma, Wash
W. T. Emerson.....Spokane, Wash
A. A. Fisher.....Marmarth, N. D
C. H. McCrum.....Miles City, Mont
G. T. Spaulding.....Deer Lodge, Mont

GENERAL CAR FOREMEN.

W. L. Delaney.....Tacoma, Wash
C. Medley.....Seattle, Wash
E. J. Rippberger .....Miles City, Mont
A. Strand.....Deer Lodge, Mont

F. D. Campbell, Asst. M. C. B.....Tacoma, Wash
A. R. Harris, For. Paint. "

ENGINEERING, BRIDGES & ROADWAY

R. J. Middleton, Asst. Ch. Eng.....Seattle, Wash
E. B. Crane, Prin. Asst. Eng. "
J. M. Gilman, Struct. Eng. "

DIVISION ENGINEERS.

J. Guinotte.....Deer Lodge, Mont
E. Murray.....Miles City, Mont
C. A. W. Musson.....Seattle, Wash
J. F. Pinson.....Tacoma, Wash
W. E. Ring.....Lewistown, Mont
F. M. Sloane.....Spokane, Wash
R. H. Smith.....Mobridge, S. D

ASSISTANT ENGINEERS.

R. M. Alway.....Deer Lodge, Mont
A. B. Chapman.....Seattle, Wash
V. H. Garvey..... "
H. W. Guenther.....Tacoma, Wash
R. H. Jones.....Seattle, Wash
D. C. Rhynsburger..... "
M. F. Rollins.....Mobridge, S. D
C. R. Strong.....Spokane, Wash
R. W. Sweet.....Seattle, Wash

CHIEF CARPENTERS.

A. Berfield.....Mobridge, S. D
W. Cullen.....Harlowton, Mont
G. W. Lanning.....Spokane, Wash
T. E. McFadden.....Cedar Falls, Wash
H. B. Rivers.....Deer Lodge, Mont
F. J. Welch.....Tacoma, Wash

ROAD MASTERS.

C. F. Allen.....St. Maries, Ida
A. M. Anderson....Port Angeles, Wash
O. Bakke.....Spirit Lake, Ida
P. Burns.....Mott, N. D
A. W. Criss.....Avery, Ida
H. C. Davis.....Ellensburg, Wash
A. Francisco.....Three Forks, Mont
G. Fritzen.....Lewistown, Mont
R. W. Gallagher.....St. Maries, Ida
H. M. Geelhart.....Roundup, Mont
A. W. Hervin.....Malden, Wash
B. C. Johnson.....Deer Lodge, Mont
O. A. Johnson.....Lewistown, Mont

MORDEN FROG & CROSSING WORKS

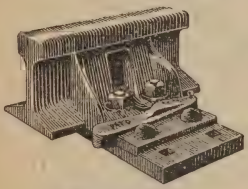
CHICAGO

Manufacturers of

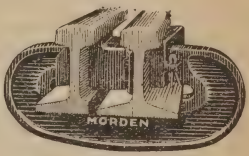
FROGS, SWITCHES, SWITCH STANDS,
CROSSINGS, GUARD RAILS, GUARD RAIL CLAMPS,
COMPROMISE JOINTS, RAIL BRACES, ETC.

and

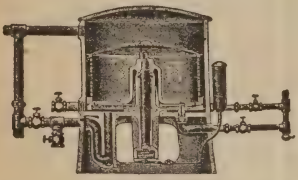
All kinds of Standard and Special Track Work.



MORDEN
ADJUSTABLE RAIL BRACE



MORDEN
GUARD RAIL CLAMP



MACHINERY FOR RECLAIMING

Car Oil and Journal Packing

THE OIL AND WASTE SAVING MACHINE COMPANY

1509 REAL ESTATE TRUST BUILDING

PHILADELPHIA, PA.

CHICAGO, MILWAUKEE & ST. PAUL—Continued.

204b—Western Lines—Continued.

ROAD MASTERS—CONTINUED.

A. F. Manley.....Ellensburg, Wash
E. D. Mathiesen.....Miles City, Mont
O. Miller.....Marmarth, N. D
G. Nick.....Tacoma, Wash
W. T. O'Donnell.....Great Falls, Mont
A. H. Olsen.....Miles City, Mont
P. Richardson.....Mobridge, S. D
R. H. Stetson.....Cedar Falls, Wash
F. M. Webb.....Deer Lodge, Mont
S. O. Wilson.....Tacoma, Wash

SIGNAL DEPARTMENT.

L. W. Smith, Asst. Sig. Eng. .Seattle, Wash
R. F. Tyler, Gen. Sig. Insp. "
L. E. Weaver, Sig. Insp.. "
F. Meade, Tele. & Telo. Insp. "

SIGNAL SUPERVISORS.

E. P. Allen.....Tacoma, Wash
R. H. Hart.....Deer Lodge, Mont
N. J. Westermark.....Spokane, Wash

204c—CHICAGO NORTH SHORE & MILWAUKEE R.R. CO. (Electric).

85 Mls., 5 Loco, Cars: 215 Frt, 173 Pass, 82 Misc
Chicago Address, 72 W. Adams St.

B. I. Budd, Pres.....Chicago, Ill
R. F. Clinch, V.-Pres..... "
C. E. Thompson, V.-Pres. Highwood, Ill
B. J. Fallon, V.-Pres.....Chicago, Ill
W. V. Griffin, V.-Pres., Sec. & Treas..... "
C. R. Mahan. Aud.....Highwood, Ill
F. W. Shappert, Traf. & Ind. Agt.....Chicago, Ill
G. T. Hellmuth, Clm. Agt... "
✠J. S. Hyatt, Gen. Mgr...Highwood, Ill
M. J. Feron, Gen. Supt. Trans. Chicago, Ill
J. W. Simons, Supt. Trans. Highwood, Ill
W. H. Burke, Div. Supt. Milwaukee, Wis
¶C. J. Swift, Pur. Agt.....Highwood, Ill
P. F. McCall, Gen. Str. Kpr. "
H. A. Johnson, Supt. Shops & Equip.....Chicago, Ill
H. Cordell, M. M.....Highwood, Ill
C. Huttleston, Elec. Eng. "
C. H. Jones, Elec. Eng.. ...Chicago, Ill

205—CHICAGO, PEORIA & ST. LOUIS R. R. CO.

70 Mls, 31 Loco, Cars: 19 Frt, 19 Pass, 9 Misc
Receiver appointed Aug. 1, 1914.

W. Cotter, Recr. & Chmn....St. Louis, Mo
¶★✠✪W. C. Hurst, Pres. & Gen. Mgr.....{ Springfield, Ill.
H. W. Berger, Sec. & Aud..... "
F. G. Lochridge, Treas..... "
H. A. Converse, Gen. Solr.. "

205a—CHICAGO RIVER & INDIANA R. R. CO.

50 Mls, 33 Loco, Cars: 1,695 Frt, 3 Misc
New York address, 466 Lexington Ave.

P. E. Crowley, Pres....New York, N. Y
G. Hannauer, V-Pres.....Chicago, Ill
E. L. Whitney, Asst to V.-Pres. "
E. F. Stephenson, Sec...New York, N. Y
F. D. O'Connor, Treas.....{ U. S. Yards, Chicago, Ill
W. C. Wishart, Compt...New York, N. Y
E. S. Gentle, Aud.....{ U. S. Yards,
W. J. OBrien, Gen. Mgr...{ Chicago, Ill
J. Fitzmorris, Asst. to Gen. Mgr..... "
J. J. Kinsella, Supt. C. S.. "
¶W. McMaster, Pur. Agt... "
R. J. Aul, Str. Kpr.....Gibson, Ind
P. A. Campbell, M. M.....{ U. S. Yards, Chicago, Ill
E. M. Wilcox, M. C. B.....Gibson, Ind
O. H. Gersbach, Ch. Eng..{ U. S. Yards,
D. A. Young, Valua. Eng..{ Chicago, Ill

206—CHICAGO, R. I. & GULF RY. CO., THE. 461 Mls, 46 Loco, Cars: 1,965 Frt

N. H. Lassiter, V.-Pres..Fort Worth, Tex
A. B. Warner, V.-Pres....El Reno, Okla
L. D. Parkinson, Sec. & Treas.....Fort Worth, Tex
H. Brooks, Asst. Treas... "
H. Lucas, Aud..... "
M. J. Dowlin, Asst. G. F. A. "
J. G. Farmer, G. P. A..... "
H. E. Ferree, Frt. Clm. Agt. "
A. Petersen, Gen. Live Stock Agt..... "
S. P. Asper, Tel. Mgr..... "
W. H. Wallace, Car Acct...Chicago, Ill

For other officials see C., R. I. & P. R. R., No. 207.

207—CHICAGO, ROCK ISLAND & PACIFIC RY. CO., THE

7,578 Mls, 1,561 Loco, Cars: 47,285 Frt, 1,100 Pass, 4,545 Misc
Chicago address, La Salle St. Station.
New York address, 66 Broadway.

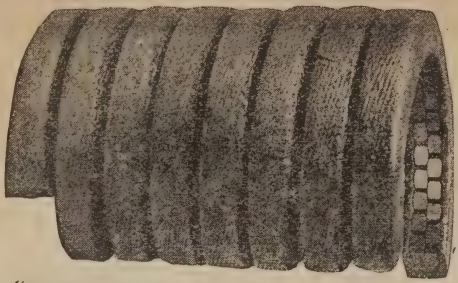
EXECUTIVE, FINANCIAL AND LEGAL

C. Hayden, Chmn. Bd., Fin. Com. & Exec. Com.{ New York N. Y
✪J. E. Gorman, Pres.....Chicago, Ill
H. G. Clark, Asst. to Pres... "
F. H. Hammill, Exec. V.-Pres. "
M. L. Bell, V.-Pres. & Gen. Coun..... .New York, N. Y.
L. C. Fritch, V.-Pres.....Chicago, Ill
C. Nyquist, V.-Pres., Sec. & Treas..... "
L. M. Allen, V.-Pres. & Pass. Traf. Mgr..... "
¶F. D. Reed, V.-Pres. & Gen. Pur. Agt..... "
W. H. Burns, V.-Pres. & Gen. Aud. "
A. Mackenzie, Frt. Traf. Mgr. "
J. A. Stewart, Ind. Comr... "
H. S. Ray, Dir. Personnel & Public Rel..... "
W. Hodson, Asst. Treas..... "

ASST. SECRETARIES & ASST. TREASURERS.

F. A. Smith.....New York, N. Y
W. Vanderpool.....Chicago, Ill
W. F. Dickinson, Gen. Solr. Chicago, Ill
W. F. Peter, Asst. Gen. Coun. "
A. B. Enoch, Gen. Atty..... "
T. R. Beman, Gen. Atty..... "
D. Taylor, Gen. Atty..... "
W. T. Hughes, Gen. Atty.... "
W. O. Bunger, Gen. Supt. Frt. Clms..... "
Dr. S. C. Plummer, Ch. Surg. "
J. S. Palmer, Gen. Clm. Agt. "

ELESCO SUPERHEATERS FEED WATER HEATERS THE SUPERHEATER COMPANY NEW YORK CHICAGO



"V" Pilot Packing in spiral form comes in 10 ft. lengths from one-quarter inch in diameter up, including all one-sixteenth sizes. When ordering, specify whether for steam, air or water service.

"V" Pilot Packing For Shop Use

"V" Pilot Packing lasts longer not only in air pumps but wherever packing is used in the shop.

So successful has "V" Pilot Packing been in improving air pump packing service that its application has now extended to include railroad shops.

In air compressors, pumps, steam hammers and similar tools, "V" Pilot Packing in spiral form increases packing life.

Combined with a flexible asbestos fabric, which adjusts itself to wear, is a continuous metallic bearing surface which gives longer life.

Specify "V" Pilot where other packing is giving trouble.

PILOT PACKING CO., Inc.

Jos. Sinkler, General Manager
Peoples Gas Building, Chicago

One Water Street
New York

Monadnock Building
San Francisco

W. P. and B. S. Mars, Duluth, Minn.

207—CHICAGO, ROCK ISLAND & PACIFIC—Cont'd.

ACCOUNTING.

W. H. Burns, V.-Pres. & Gen. Aud.....Chicago Ill
A. Hermany, Asst.Gen. Aud. "

AUDITORS.

O. L. Beck (Sta. Acct.).....Chicago, Ill
R. H. Carleton (Disb.)..... "
F. W. Main (Frt. Overcharge Clms.)..... "
P. Peters (Frt. Traf.)..... "
W. H. Wallace (Car Serv. Accts.)..... "
C.G. Weaver (Pass. Traf.)..... } 6219 So. La Salle St., Chicago, Ill.

ASSISTANT AUDITORS.

A. C. Middleton (Disb.).....Chicago, Ill
W. Anderson (Frt. Traf.)... "
W. L. Linnehan (Car Serv. Accts.)..... "

TRAFFIC.

L. M. Allen, V.-Pres. & Pass. Traf. Mgr.....Chicago, Ill
W. J. Leahy, Asst. Pass. Traf. Mgr..... "
C. A. Searle, G.P. A... Kansas City, Mo

ASST. GENERAL PASSENGER AGENTS.

G. H. Asper.....Chicago, Ill
P. A. Auer.....St. Louis, Mo
C. C. Gardner.....Des Moines, Ia
H. H. Hunt.....Little Rock, Ark
D. McClure.....Chicago, Ill

A. Mackenzie, Frt. Traf. Mgr. Chicago, Ill
H. W. Morrison, Asst. Frt. Traf. Mgr.....Little Rock, Ark

ASSISTANTS TO FREIGHT TRAFFIC MANAGER.

F. A. Adams.....Chicago, Ill
J. C. Gutsch..... "

GENERAL FREIGHT AGENTS.

F. K. Crosby.....Chicago, Ill
J. F. Hogan..... "
G. E. Schnitzer.....Little Rock, Ark
F. J. Shubert.....Kansas City, Mo
G. E. White.....Chicago, Ill
T. H. Wilhelm.....Fort Worth, Tex

ASSISTANT GENERAL FREIGHT AGENTS.

A. D. Aiken.....St. Louis, Mo
R. C. Davidson.....Chicago, Ill
M. J. Dowlin.....Fort Worth, Tex
J. C. La Coste.....Kansas City, Mo
C. R. Maier.....Chicago, Ill
T. A. Matthews.....Minneapolis, Minn
P. Portel.....Oklahoma City, Okla
J. B. Rayn.....Des Moines, Ia
E. Rigg.....Chicago, Ill
H. E. Rilley.....Little Rock, Ark
H. A. Triebel, Ch. Tariff Bureau.....Chicago, Ill
F. C. Francis, Mgr. Bag., Mail & Exp. Traf..... "
J. P. Kilty, Asst. Mgr. Bag., Mail & Exp. Traf..... "
T.O. Jennings, Gen Coal Agt. "
F. S. Brooks, Gen. Live Stk. Agt..... "
A. Peterson, Gen. Live Stock Agt.....Fort Worth, Tex
E. F. McDaneld, Asst. Gen, Live Stock Agt. Kansas City, Mo
J.B. Baker, Supt. Stock Yards. .....Kansas City, Mo
C. E. Pierce, Dairy & Poultry Agt.....Chicago, Ill

OPERATING.

L. C. Fritch, V.-Pres.....Chicago, Ill
J. M. Brown, Asst. to V.-Pres. "

GENERAL MANAGERS.

D. Coughlin.....Des Moines, Ia
A. B. Warner.....El Reno, Okla

ASSISTANTS TO GENERAL MANAGERS.

E. P. Kelly.....El Reno, Okla
H. F. Reddig.....De Moines, Ia
H. J. Sewell.....El Reno, Okla

GENERAL SUPERINTENDENTS.

H. L. Reed.....Des Moines, Ia
A. E. Walker.....El Reno, Okla

DIVISION SUPERINTENDENTS.

A. T. Abbott.....Des Moines, Ia
H. E. Allen.....Estherville, Ia
J. J. Breheny.....Fort Worth, Tex
C. E. Green.....Trenton Mo
H. P. Greenough.....Dalhart, Tex
A. L. Haldeman.....Cedar Rapids, Ia
E. D. Hungerford.....Fairbury, Neb
J. A. McDougal.....Little Rock, Ark
C. B. Pratt.....Herington, Kan
G. W. Rourke.....Kansas City, Mo
C. L. Ruppert.....Rock Island, Ill
H. R. Saunders.....Chicago, Ill
D. Van Hecke.....El Reno, Okla
A. W. Towsley, Gen. Supt. Trans.....Chicago, Ill
J. R. Pickering, Supt. Trans. "
H. A. Huber, Supt. Refrig'tor Service..... "
G. D. Hood, Supt. Tel..... "
A. W. Douglas, Asst. Supt. Tel..... "
T. A. Dempsey, Supt. Din. Cars "
L. E. Coleman, Act. Asst. Supt. Din. Cars..... "
L. F. Shedd, Supt. Safety... "

PURCHASING.

¶F. D. Reed, V.-Pres. & Gen. Pur. Agt.....Chicago, Ill
W. R. Owen, Asst. Gen. Pur. Agt. "
C. H. Rost, Gen. Str. Kpr.....Silvis, Ill
J. C. Kirk, Asst. Gen. Str. Kpr. "
C.T. Winkless, Fuel Agt.....Chicago, Ill
W. W. Griswold, Stationer... "

DISTRICT STORE KEEPERS.

E. A. Ernst.....Shawnee, Okla
W. L. Hunker.....Silvis, Ill
C. H. Schneider.....Horton, Kan
E. L. Zink.....Chicago, Ill

DIVISION STORE KEEPERS.

W. T. Burke.....Chickasha, Okla
J. Gibbons.....Fort Worth, Tex
F. E. Hartzler.....Herington, Kan
B. A. Higgins.....Pratt, Kan
H. G. Hockman.....Cedar Rapids, Ia
J. D. Murphy.....El Reno, Okla
L. E. Pickard.....Armourdale, Kan
E. H. Reville..... { Biddle, Ark P. O. Little Rock
C. E. Rioth.....Trenton, Mo
E. G. Roberts.....Valley Jct., Ia
G. A. Sanders.....Goodland, Kan
L. L. Smith.....Estherville, Ia

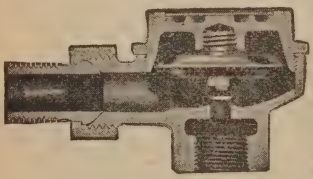
Dunham Packless Radiator Valves.

The bellows construction obviates the use of springs, packing or stuffing boxes of any kind, and entirely prevents leakage of steam, air or water. Made in Lever and Wheel Handle types. Ask for Bulletin 104.

Dunham Thermostatic Radiator Traps.

These traps first put into service in 1903 completely revolutionize Steam Heating. The Dunham Trap consists of two major parts, a body and a cover. The operating member (the Dunham Thermostatic Disc) is securely placed in cover. No loose parts, sliding contacts, guide or pin to obstruct valve opening. Floating valve seats squarely like a globe valve. Ask for Bulletin 101.

OTHER DUNHAM LOW PRESSURE STEAM SPECIALTIES:
Float and Thermostatic Traps, Medium Pressure Traps, Separators, Strainers, Reducing Pressure Valves, Vacuum Pumps and Pump Governors.



C. A. DUNHAM CO.,
450 East Ohio Street,
CHICAGO

Dunham Heating Service is as close to you as your phone. Consult your telephone directory for address of our office in your city.

The DUNHAM
REG. TRADE MARK
HEATING SERVICE

207—CHICAGO, ROCK ISLAND & PACIFIC—Cont'd

MECHANICAL.

L. A. Richardson, Gen. Supt. M. P.....Chicago, Ill

SUPERINTENDENTS MOTIVE POWER.

W. B. Embury.....El Reno, Okla
T. W. McCarthy.....Des Moines, Ia

G. S. Goodwin, Mech. Eng..Chicago, Ill
A. F. Leppla, Asst. Mech. Eng..Silvis, Ill
T. O. Sedwick, Eng. Tests..Chicago, Ill

MASTER MECHANICS.

J. C. Cole.....Chickasha, Okla
G. W. Cuyler.....Cedar Rapids, Ia
.....Horton, Kan
C. B. Daily.....Chicago, Ill
W. T. Fitzgerald.....Goodland, Kan
A. Hambleton.....Dalhart, Tex
R. C. Hyde.....Valley Jct., Ia
J. M. Kerwin.....Trenton, Mo
L. D. Richards.....Shawnee, Okla
A. R. Ruiter.....Kansas City, Kan
C. L. Sharp.....Little Rock, Ark
B. H. Smith.....Estherville, Ia

P. J. Colligan, Supt. Shops....Silvis, Ill
S. E. Mueller, Asst. Supt. Shops "
E. Wanamaker, Elec. Eng..Chicago, Ill
P. Kass, Supt. Car Dept..... "
W. J. Hartman, Air Brk. Instr. "
E. H. Hohenstein, Gen. Boiler Insp.....Silvis, Ill
C. C. Butler, Asst. Gen. Boiler Insp.....Horton, Kan
L. C. Bowes, Prod. Eng.....Chicago, Ill

SUPERVISORS OF FUEL ECONOMY.

H. Clewer.....Des Moines, Ia
B. L. Wheatley.....El Reno, Okla

ELECTRICAL SUPERVISORS.

A. E. Ganzert.....Des Moines, Ia
D. E. Herndon.....El Reno, Okla

ROAD FOREMEN OF EQUIPMENT.

J. Benzies.....Fairbury, Neb
E. Bonner.....Herington, Kan
F. J. Boyd.....Blue Island, Ill
F. Connolly.....Herington, Kan
J. W. Curran.....Eldon, Ia
W. E. Danvers.....Amarillo, Tex
H. T. Dempsey.....Estherville, Ia
J. Ebeck.....Dalhart, Tex
W. Germer.....Little Rock, Ark
J. Kanatser.....Shawnee, Okla
H. C. McCullough.....Pratt, Kan
W. McElrath.....Eldon, Mo
F. M. Meredith.....Trenton, Mo
S. T. Patterson.....Little Rock, Ark
J. C. Rhodes.....Valley Jct., Ia
C. G. Schultz.....Chickasha, Okla
H. E. Stone.....Valley Jct., Ia
B. Strauss.....Cedar Rapids, Ia
J. W. Tenney.....Goodland, Kan
E. B. Van Akin.....Manly, Ia
F. W. Wilson.....Chicago, Ill
W. W. Woods.....El Dorado, Ark
C. S. Yeaton.....El Reno, Okla

GENERAL FOREMEN CAR DEPARTMENT.

C. R. Dobson.....Cedar Rapids, Ia
C. R. McArthur.....Armourdale, Kan
J. H. Milton.....Chicago, Ill

GEN. FOREMEN CAR DEP'T.—CONT'D.

O. T. Page.....{ Biddle, Ark / P. O. Little Rock
C. Pence.....Horton, Kan
E. W. Townsend.....Shawnee, Okla

GENERAL FOREMEN LOCOMOTIVE DEPT.

F. D. Buckley.....Eldon, Mo
F. L. Coles.....El Dorado, Ark
C. E. Farley.....Horton, Kan
J. J. Fitzgerald.....Chicago, Ill
G. W. Heyman.....Estherville, Ia
J. W. Johnson.....Ft. Worth, Tex
C. E. Lyle.....St. Louis, Mo
T. P. Maroney.....Valley Jct., Ia
T. J. McPherson.....Limon, Col
G. McReynolds.....Cedar Rapids, Ia
F. C. Moeller.....{ Burr Oak, Ill. / P.O. Blue Island
J. K. Morgan.....Little Rock, Ark
T. B. Noack.....Pratt, Kan
J. O'Leary.....Chickasha, Okla
G. H. Pretty.....Shawnee, Okla
F. C. Ruggles.....Rock Island, Ill
J. J. Ryan.....Goodland, Kan
J. H. Smith.....Peoria, Ill
G. M. Stone.....Manly, Ia
F. P. Sullivan.....Trenton, Mo
C. J. Whittel.....Herington, Kan
C. J. Wiard.....El Reno, Okla
C. T. Wolfe.....Armourdale, Kan
W. F. Wratten.....Fairbury, Neb

FOREMEN PAINT SHOPS.

F. J. Curtis.....Silvis, Ill
J. E. Johnston.....Shawnee, Okla
J. J. Kunis.....Horton, Kan
J. McDowell.....Chicago, Ill
G. A. Wyllie.....Cedar Rapids, Ia

ENGINEERING, BRIDGES & ROADWAY

CONSTRUCTION AND MAINTENANCE DEPT.

C. A. Morse, Ch. Eng.....Chicago, Ill
R. H. Ford, Asst. Ch. Eng... "
J. G. Bloom, Eng. M. W. "

DISTRICT ENGINEERS MAINTENANCE OF WAY

F. T. Beckett.....El Reno, Okla
W. H. Petersen.....Des Moines, Ia

DIVISION ENGINEERS.

A. C. Bradley.....Rock Island, Ill
R. R. Bragg.....Dalhart, Tex
G. A. Carroll.....Kansas City, Mo
C. C. Cunningham.....Herington, Kan
W. E. Heimerdinger..Cedar Rapids, Ia
F. Kirk.....Estherville, Ia
H. T. Livingston.....Little Rock, Ark
E. F. Manson.....Trenton, Mo
S. L. McClanahan.....Fort Worth, Tex
F. J. Nugent.....Fairbury, Neb
C. A. Richards.....El Reno, Okla
F. W. Thompson.....Des Moines, Ia
T. P. Warren.....Chicago, Ill

ASSISTANT ENGINEERS.

C. H. Gaylord.....Des Moines, Ia
R. Leas.....White City, Kan
A. H. Sturdevant.....El Reno, Okla
I. L. Simmons, Brdg. Eng...Chicago, Ill
A. T. Hawk, Eng. Bldgs..... "
C. F. Ford, Supvr. Tie & Tim. "
J. G. Wishart, Office Eng... "
P. M. LaBach, Eng. Water Serv..... "
F. J. Nevins, Valua. Eng.... "

PENNSYLVANIA

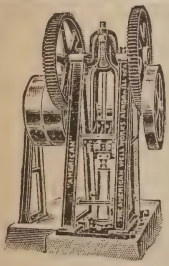
"None Better Built"

Air Compressors Centrifugal Pumps
Air Lift Pumps
Penway Portable Pumping Units

Every PENNSYLVANIA installation carries with it positive assurance of enduring service and satisfaction

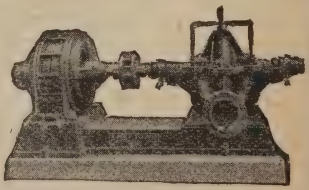
PENNSYLVANIA PUMP & COMPRESSOR CO.

Main Office and Works—EASTON, PA.



"American" Pumps are Standard For Railroad Use

Nearly a half century's experience in pump building behind them. ¶ Special types of pumps made to meet every possible location instead of attempting to adapt all conditions to a single style of pump. ¶ Centrifugal pumps made in over 50 regular styles in all sizes and equipped with any power. ¶ Deep Well Turbine Centrifugals capacities 500 to 3,000 gallons per minute from depths down to 250 feet. ¶ Deep Well Plunger Pumps both single and double acting. ¶ Tell us your conditions. We can meet them in a pump of greatest economy.



The American Well Works

General Office and Works
AURORA, ILLS.

CHICAGO OFFICE
First National Bank Building

207—CHICAGO, ROCK ISLAND & PACIFIC—Cont'd.

J. B. Mabile, Supvr. Wrk. Equip.....Chicago, Ill
C. P. Richardson, Eng. Trk. Elev..... "
F. Roblin, Supvr. Elec. Instal'n..... "
L. J. Hughes, Spec. Eng.... "

MASTER CARPENTERS.

G. E. Brooks.....Rock Island, Ill
A. Courtney.....El Reno, Okla
J. A. Hamm.....Fairbury, Neb
F. B. Helwig.....Little Rock, Ark
W. J. McAdams.....Trenton, Mo
B. H. McNamara.....Dalhart, Tex
S. P. Perkins.....Cedar Rapids, Ia
J. P. Pinkerton.....Des Moines, Ia
J. P. Tillery.....Fort Worth, Tex
B. C. Ware.....Herington, Kan

ROAD MASTERS.

J. Archer.....Fairbury, Neb
C. A. Barr.....Chicago, Ill
D. Bogue.....Haileyville, Okla
J. Bolton.....McAlester, Okla
T. W. Brown.....Centerville, Ia
G. H. Buseman.....Pipestone, Minn
G. H. Carpenter.....Fordyce, Ark
J. Colles.....Dows, Ia
W. R. Coln.....Brinkley, Ark
S. J. Covey.....Pratt, Kan
J. E. Crawford.....Amarillo, Tex
F. J. Desmond.....Atlantic, Ia
W. H. Dicks.....Limon, Col
C. S. Diltz.....Chickasha, Okla
J. Dulin.....Oskaloosa, Ia
W. M. Emmons.....Winnfield, La
C. J. Gardner.....Liberal, Kan
D. B. Griffin.....Little Rock, Ark
W. H. Gruhlkey.....Amarillo, Tex
C. H. Gruver.....Manly, Ia
E. W. Gulley.....Enid, Okla
W. E. Haberlaw.....Bureau, Ill
J. R. Hayes.....Iowa City, Ia
R. E. Herndon.....Little Rock, Ark
J. L. Jensen.....Rock Island, Ill
S. P. Jones.....Wichita, Kan
D. Kanan.....Cameron, Mo
C. Kelley.....Belleville, Kan
P. Knowles.....Carlisle, Ia
G. W. Kohn.....Joliet, Ill
C. B. Lane.....Dalhart, Tex
C. Linehan.....Cedar Rapids, Ia
J. H. Logan.....Pratt, Kan
J. H. Lynch.....Chickasha, Okla
M. B. McAdams.....Tishomingo, Okla
J. McNulty.....Waterloo, Ia
T. H. O'Brien.....Des Moines, Ia
J. O'Connor.....Fort Worth, Tex
J. R. Perkins.....Sibley, Ia
J. W. Peterson.....Estherville, Ia
J. S. Pollard.....Goodland, Kan
J. B. Pugh.....Iowa City, Ia
C. B. Shepard.....Little Rock, Ark
A. Shumate.....Fairbury, Neb
V. B. Simpson.....Eldon, Mo
W. A. Simpson.....Topeka, Kan
H. O. Sinsabaugh.....Manhattan, Kan
E. Sullivan.....Washington, Ia
C. B. Teller.....Armourdale, Kan
G. Tjaden.....Iowa Falls, Ia

ROAD MASTERS—CONTINUED.

J. A. Trainor.....Pleasant Hill, Mo
C. W. Webb.....Waurika, Okla
G. Wilmoth.....Enid, Okla
G. Woods.....El Reno, Okla

SIGNAL DEPARTMENT.

L. Wyant, Sig. Eng.....Chicago, Ill

ASSISTANT SIGNAL ENGINEERS.

C. M. Duffy.....Des Moines, Ia
C. E. Hartvig.....El Reno, Okla

SIGNAL SUPERVISORS.

R. F. Annear.....Des Moines, Ia
B. F. Beasley.....Fort Worth, Tex
F. E. Haney.....Topeka, Kan
F. J. Hemphill.....Trenton, Mo
F. E. Kinney.....Cedar Rapids, Ia
H. B. McCallum.....Rock Island, Ill
J. P. Zahnen.....Chicago, Ill

ASSISTANT SIGNAL SUPERVISORS.

C. Hattery.....Fairbury, Neb
H. J. Kay.....Joliet, Ill
J. R. McCartt.....Trenton, Mo
L. E. Nordholm.....Des Moines, Ia
F. H. Rich.....Chicago, Ill

208—

209—CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

1,749 Mls, 387 Loco, Cars: 12,402 Frt, 335 Pass, 568 Misc

Chicago address, 226 W. Jackson Bo'levard
New York address, 111 Broadway.
St. Paul address, 275 East 4th St.

EXECUTIVE, FINANCIAL AND LEGAL.

F. W. Sargent, Pres.....Chicago, Ill
S. A. Lynde, V.-Pres....New York, N. Y
A. C. Johnson, V.-Pres.....Chicago, Ill
R. N. Van Dorn, V.-Pres. & Gen. Coun..... "
J. D. Caldwell, Sec..... "
A. S. Pierce, Treas..... } New York,
T. W. Arundel, Asst. Treas. } N. Y.
& Asst. Sec..... "
H. W. Rush, Asst. Treas. & Asst. Sec..... "
C. P. Nash, Local Treas..... "
C. A. Leggo, Asst. Sec. & Land } St. Paul,
Comr..... } Minn.
R. L. Kennedy, Gen. Solr..... "
W. Mueller, Tax Comr..... "
H. P. Barlow, R. of W. Comr... "

ACCOUNTING.

C. Jensch, Compt.....St. Paul, Minn

AUDITORS.

F. E. Beatty (Pass. Accts.).... } St. Paul,
F. L. Doody (Frt. Accts.).... } Minn.
J. P. Holly (Frt. Overchg Clms.) "
E. E. Rusch (Asst. Disb.)..... "
A. R. Seder (Disb.)..... "

E. Price, Gen. Acct..... St. Paul, Minn

TRAFFIC.

A. C. Johnson, V.-Pres.....Chicago, Ill
G. H. MacRae, G. P. A..... } St. Paul,
E. L. Pardee, Asst. G. P. A... } Minn.
A. M. Fenton, G. F. A..... "

ASSISTANT GENERAL FREIGHT AGENTS.

E. A. Donnelly.....Minneapolis, Minn
T. J. Kenniff.....St. Paul, Minn
H. A. Mintz..... "

Osgood Bradley Car Co.

JOHN E. BRADLEY, President

(Successors to OSGOOD BRADLEY & SONS)

Established 1832

MANUFACTURERS OF

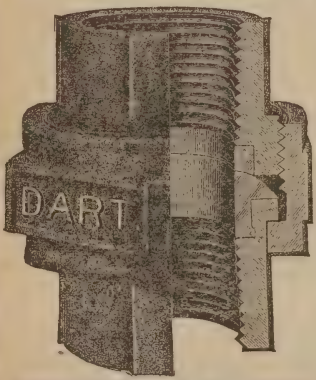
RAILWAY AND ELECTRIC CARS

OF EVERY DESCRIPTION

Pressed and Structural Steel Parts
Forgings and Castings

WORCESTER, MASSACHUSETTS

DART UNION COUPLING



Both pipe ends, Iron
Both seats, Bronze metal
The first insures strength
The second insures non-corrosion
No cored parts to weaken
No soft metal pipe end

Samples sent free for testing
Booklet

E. M. DART MFG. CO.
134 Thurber Avenue
PROVIDENCE, R. I., U. S. A.

THE FAIRBANKS COMPANY
SALES AGENT

CANADIAN FACTORY:
DART UNION CO., LTD.
TORONTO, ONT.

209—CHI.,ST.PAUL.MINNEAPOLIS & OMAHA—Cont

F. E. Greene, Ch. Pass. Bur. Chicago, Ill
F. Wenter, Jr., Gen. Clm. Agt. "
G. T. Joyce, Asst. Gen. Clm. Agt.....St. Paul, Minn
W. C. Johnson, Frt. Clm. Agt. Chicago, Ill
H. R. Grochau, Asst. Frt. Clm. Agt.....St. Paul, Minn

OPERATING.

F. R. Pechin, Gen. Mgr..St. Paul, Minn

DIVISION SUPERINTENDENTS.

E. C. Blundell.....Omaha, Neb
F. E. Fuhrman (Asst)..St. James, Minn
F. E. Nicotes.....Eau Claire, Wis
J. J. Prentice.....St. James, Minn
C. D. Stockwell (Asst.).Eau Claire, Wis

O. E. Hallberg, Supt. Car Serv.....Chicago, Ill
G. L. Ossmann, Asst. Supt. Car Serv..... "
C. H. Shircliffe, Supt. Din. & Parlor Cars..... "
G. Boyce, Supt. Tel. & Sig. St. Paul, Minn
G. L. Wright, Supt. Safety Bureau..... "
J. J. Mealey, Supt. Term.....Minneapolis, Minn

PURCHASING.

¶ F. J. Berck, Gen. Pur. Agt..Chicago, Ill
J. E. McMahon, Gen. Str. Kpr.....St. Paul, Minn

MECHANICAL.

E. R. Gorman, Supt. M. P. & Mach..... { St. Paul, Minn.
P. F. Smith, Mech. Eng..... "
H. D. Browne, Eng. Tests....Chicago, Ill
T. Marshall, Gen. M. M...St. Paul, Minn
J. L. Riley, M. M.....Sioux City, Ia
M. C. France, Boil. Insp. St. Paul, Minn

TRAVELING ENGINEERS.

F. J. Anderson.....Sioux City, Ia
G. A. Budge.....East St. Paul, Minn
F. S. Cox.....Spooner, Wis
J. P. Lynch.....Sioux City, Ia

W. H. Thorn, M. C. B.....Hudson, Wis

GENERAL FOREMEN CAR DEPARTMENT.

J. Chalmers.....Minneapolis, Minn
A. Larson.....Hudson, Wis
C. A. Lombard.....Sioux City, Ia

FOREMEN ROUNDHOUSE.

C. Barnhart.....Mitchell, S. D
E. J. Bradstreet.....Sioux City, Ia
L. Carle.....Hudson, Wis
E. W. Cook..... { Itasca, Wis P. O. Superior
L. Evans.....Emerson, Neb
J. M. Gebhardt.....Mankato, Minn
W. T. Landergan.....Altoona, Wis
J. J. Murphy.....Omaha, Neb
T. Naylor.....St. James, Minn
W. J. Peters.....Worthington, Minn
F. M. Podruch.....Elroy, Wis
I. F. Pribil.....East St. Paul, Minn
W. T. Rands.....Ashland, Wis

FOREMEN ROUND HOUSE—CONT'D.

G. H. Schindeldecker.... { Minneapolis, Minn.
J. J. Stephens.....Spooner, Wis
H. Tucker.....Duluth, Minn
T. W. Welch.....St. Paul, Minn
R. E. Zea.....Sioux Falls, S. D

J. Deighton, For. Paint..Sioux City, Ia
D. Gipple, For. Paint....St. Paul, Minn
C. F. Mayer, For.. Paint..Hudson, Wis

ENGINEERING BRIDGES & ROADWAY

H. E. Barlow, Ch. Eng..... } St. Paul.
H. P. Padley, Asst. Ch. Eng.. } Minn.
G. W. Hand, Valua. Eng....Chicago, Ill

ASSISTANT ENGINEERS.

P. A. Bratager.....St. Paul, Minn
A. F. Gilman..... "
C. T. Kennedy..... "
C. Oltman..... "
O. J. Skooglun..... "
R. R. Strothers..... "

A. G. Rask, Supt. B. & B..St. Paul, Minn
J. G. Bock, Brdg. Insp..... "

GENERAL FOREMEN BRIDGES & BUILDINGS.

T. F. Bracken.....Emerson, Neb
E. Gunderson.....Altoona, Wis
A. Ruge.....Mankato, Minn
C. Sedmoradsky.....Spooner, Wis
T. H. Thompson....Worthington, Minn

ROAD MASTERS.

C. G. Carlson.....Eau Claire, Wis
F. Donahue.....Worthington, Minn
A. A. Fisher (Asst.).....Emerson, Neb
C. E. Geelan.....Sioux Falls, S. D
L. T. Hayden.....Altoona, Wis
A. M. Hendrickson.....Spooner, Wis
C. Lundquist.....Mankato, Minn
B. F. Pearce.....Emerson, Neb
F. E. Zunker.....Spooner, Wis

SIGNAL DEPARTMENT.

G. Boyce, Supt. Tel. & Sig. St. Paul, Minn

209a—CHICAGO SHORT LINE RY. CO.

29 Mls, 12 Loco, Cars; 144 Frt

¶ ★✠✪ J. F. Sheehy, Pres. & Gen. Mgr..... { South Chicago, Ill
W. P. Shea, V.-Pres., Asst. Sec. & Supt..... "
A. E. Feeley, Aud., Sec. & Treas..... "

209b—CHICAGO, SOUTH SHORE & SOUTH BEND R. R.

77 Mls, 3 Loco, Cars: 31 Frt, 37 Pass, 6 Misc

B. I. Budd, Pres.....Chicago, Ill
C. W. Chase, V.-Pres. & Gen. Mgr.....Gary, Ind
F. W. Shappert, Asst. to V.-Pres.....Chicago, Ill
W. W. People, Gen. Atty.....Gary, Ind
J. G. Miller, Aud..... "
H. O. Connell, Aud. Frt. Rec.....Michigan City, Ind
W. Petersen, Asst. G. P. A..Chicago, Ill
T. G. Hamilton, Asst. Gen. Mgr..Gary, Ind

How Springy the Bristles Feel!

The best painters are — WHITING-ADAMS BRUSHES.

Get a *good* brush — one that will last and give years of satisfactory service. WHITING-ADAMS BRUSHES give the kind of service you want.

WHITING-ADAMS
BRUSHES

Send for Illustrated Literature

JOHN L. WHITING-J. J. ADAMS CO.
Boston, U. S. A.
Brush Manufacturers for Over 116 Years and the Largest in the World

209b—CHICAGO, SO. SHORE & SOUTH BEND—Con.

J. K. Gray, Gen. Supt.....Gary, Ind
D. E. Ferner, Supt. Trans..... "
W. W. Clemmons, Car Acct.. "
¶H. F. Kirk, Pur. Agt..... "
M. M. Lloyd, Supt. Shops & Equip..... } Michigan City, Ind
W. A. Underwood, Supt. W. & S..Gary, Ind

209c—CHICAGO, TERRE HAUTE & SOUTHEASTERN RY. CO., THE

409 Mls, 70 Loco, Cars: 6,157 Frt, 62 Pass, 223 Misc

For officials see C., M. & St. P. Ry., No. 204.

210—CHICAGO, WEST PULLMAN & SOUTHERN R. R. CO.

31 Mls, 10 Loco, Cars: 51 Frt

Chicago address, 606 So. Michigan Ave.

H. B. Utley, Pres.....Chicago, Ill
C. T. Bradford, V.-Pres..... "
C. H. Browder, Sec..... "
W. M. Gale, Treas..... "
J. E. Ryan, Aud..... "
★✪T. J. Maloney, Gen. Mgr.. "
J. E. Connors, Supt.....So. Chicago, Ill
¶W. B. Edgar, Pur. Agt.....Chicago, Ill
W. J. Wheaton, Val. & M. W. Eng.....West Pullman, Ill

211—

212—CHIHUAHUA MINERAL R. R. (Ferrocarril Mineral de Chihuahua.)

17 Mls, 3 G, 6 Loco, Cars: 66 Frt, 2 Pass

¶M. O'Reilly, Gen. Mgr. } Chihuahua, Mex
J. P. Varela, Aud..... } Chihuahua, Mex
R. Carrera, Traf. Mgr. "
N. Castillo, M. M. ..... "
B. Marquez, Mech. Supvr. "
J. G. Bunola, Supvr. B. & R. "

212a—CHRISTIE & EASTERN RY. CO.

14 Mls, 1 Loco, Cars: 1 Misc

A. J. Peavy, Pres.....Shreveport, La
R. J. Wilson, V.-Pres..Deweyville, Tex
R. T. Moore, V.-Pres....Shreveport, La
¶★✠C. C. Cary, V.-Pres. & Gen. Mgr..... "
R. Krause, Sec. & Treas. Lake Charles, La
T. E. Trigg, Aud.....Shreveport, La
T. J. Shelton, G. F. A.... "
D. L. Handley, Supt.....Peason, La

213—CIMARRON & NORTHWESTERN RY. CO. 19 Mls, 1 Loco, Cars: 52 Frt, 1 Misc

✪T. A. Schomburg, Pres.....Denver, Col
¶★✠✪H. G. Frankenburger, V.-Pres., Treas. & Gen. Mgr.....Cimarron, N. M
T. W. Schomberg, Sec.....Denver, Col

214—215—

216—CINCINNATI, BURNSIDE & CUMBERLAND RIVER RY.

See Southern Ry. Sys., No. 927.

217—CINCINNATI, GEORGETOWN & PORTSMOUTH R. R. CO., THE (Electric).

54 Mls, 3 Loco, Cars: 4 Frt, 25 Pass, 6 Misc

FELICITY & BETHEL R.R. (Electric)

8 Mls, Car: 1

L. G. Van Ness, Pres. & Treas..... } Stanley & Eastern Aves, Cincinnati, O
T. Elliott, V.-Pres..... "
F. F. Dinsmore, Gen. Coun. "
C. T. Dehore, Sec..... "
J. P. Longon, Aud..... "
¶✪F. A. Nichols, Gen. Mgr. "
R. E. Havemann, G. F. & P. A. "
L. E. Woster, Supt. Trans. & Equip..... "
N. P. Dunn, Asst. Supt. Trans. "
J. P. Holt, Supt. Roadways & Bridges..... "

218—

218a—CINCINNATI, INDIANAPOLIS & WESTERN R. R. CO., THE

347 Mls, 64 Loco, Cars: 2,620 Frt, 59 Pass, 76 Misc

New York address, 280 Broadway.

EXECUTIVE, FINANCIAL AND LEGAL

J. H. Hammond, Chman. of Ex. Comm .....New York, N. Y
——, Pres..... } Indianapolis, Ind.
C. F. Smith, Asst. to Pres } Indianapolis, Ind.
F. H. Ecker, V.-Pres.....New York, N. Y
F. J. Goebel, Sec. & Gen. Atty..... } Indianapolis, Ind.
W. R. Bixler, Treas..... "
F. B. Brown, Gen. Aud ... "
J. H. Tudball, Asst. Aud.. "
G. C. Wildman, Aud., Frt. & Ticket Accts..... "
L. E. Smith, Frt. Clm. Agt.. "

TRAFFIC.

J. A. Simmons, Gen. Traf. Mgr..... } Indianapolis, Ind.
L. B. Jay, G. P. A..... "
R. B. Kinkaid, G. F. A.... "
P. M. Havens, Asst. G. F. A. "
D. C. Odell, Asst. G. F. A..Springfield, Ill

OPERATING.

M. V. Hynes, Gen. Supt. } Indianapolis, Ind.
C. V. Coder, Supt. Tel.... } Indianapolis, Ind.
J. L. Powell, Supt. Car Serv. "
H. R. Havens, Insp. Trans. "

PURCHASING.

¶H. Lewis, Mgr. Pur. & Supplies..... } Indianapolis, Ind.
F. W. Maitlen, Str. Kpr.. "
E. F. Garrity, Sta. Str. Kpr. "

MECHANICAL.

C. G. Slagle, Supt. M. P.. } Indianapolis, Ind.
O. E. Schilling, Mech. Eng } Indianapolis, Ind.
W. H. Bettcher, M. C. B... "
J. O. Gurney, Rd. For. Eng. "
D. J. Welsh, Rd. For. Eng. "
J. R. Horne, Asst. Rd. For. Eng ..... "
P. H. Baker, Supt. Shops. "

ENGINEERING, BRIDGES & ROADWAY

H. F. Passel, Ch. Eng... } Indianapolis, Ind.
P. H. Johnson, Asst. Eng. } Indianapolis, Ind.
F. Washam, Mast. Carp... "

Makers of

BUDA

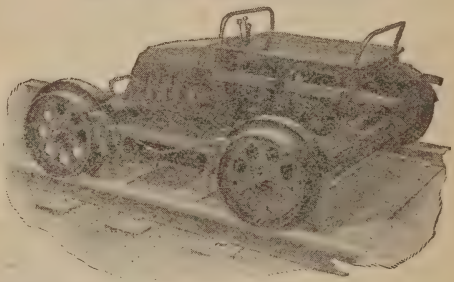
ESTABLISHED 1881

Catalogues on Request

GASOLINE MOTOR CARS
HAND AND PUSH CARS
ROLLED STEEL WHEELS
FROGS AND SWITCHES
ELECTRIC HEADLIGHTS
BUDA-HUBRON EARTH DRILL
BUDA-CLARK TRACK LINERS
BALL BEARING LIFT JACKS

TOOL GRINDERS
RAIL BENDERS
LIFTING JACKS
BUMPING POSTS
TRACK DRILLS
CROSSING GATES
SWITCH STANDS
CAR REPLACERS

BALL BEARING JOURNAL JACKS



The NEW Buda No 419—truly a 'CENTER LOAD' Car
Ample Power and Strength
The easiest car to handle you may have used

THE BUDA COMPANY

HARVEY [CHICAGO SUBURB] ILLINOIS

Chicago—Railway Exchange New York—30 Church St.
St. Louis—Railway Exchange San Francisco—664 Mission St.
Jacksonville, Fla.—405 W. Forsyth St.

218a—CIN., INDIANAPOLIS & WESTERN—Cont'd.

ROAD MASTERS.

F. R. Applegate.....Springfield, Ill
J. T. Clemons.....Indianapolis, Ind
J. M. Rourke.....Connersville, Ind

SIGNAL DEPARTMENT.

K. A. Hinton, Sig. Eng..Indianapolis, Ind

219—

220—CINCINNATI, NEW ORLEANS & TEXAS PACIFIC RY. CO., THE

Mileage and equipment included in So. Ry. System. *For officials see So. Ry. System, No. 927.*

221—CINCINNATI NORTHERN R. R. CO., THE

244 Mls, 40 Loco, Cars: 2,172 Frt, 23 Pass, 64 Misc (Mileage and equipment also included in N. Y. C. Lines, No. 692x.)

J. V. Kennedy, Gen. Supt..Van Wert, O
W. A. Saffell, Str. Kpr..... "
J. J. Mellen, M. M..... "
O. J. Costin, Car For..... "
H. Liebenthal, For. Paint.. "
W. D. Williams, Eng. M. W. "
W. W. Rohrbaugh, Asst. Eng. M. W..... "
W. Wilson, Supvr. B. & B.. "

TRACK SUPERVISORS.

M. H. Connolly.....Van Wert, O
W. F. Holzer..... "

For other officials see C., C., C. & St. Louis Ry., No. 229.

222—CISCO & NORTHEASTERN RY. CO. 28 Mls, 6 Loco, Cars: 6 Pass, 4 Misc

✠ R. Q. Lee, Pres & Gen. Mgr... } Cisco,
C. M. Caldwell, V.-Pres..... } Tex.
A. Spears, Sec..... "
¶ W. E. Ricks, Treas. & Pur. Agt... "
D. S. Floyd, Aud. Frt. Clm. Agt. & G. F. & P. A..... "
G. B. Langston, Car Acct..... "
W. M. Robbins, Gen. For. Mech. Dept. "

223—CITY OF PRINEVILLE RY.

19 Mls, 1 Loco, Cars: 2 Pass, 1 Misc

L. Bechtel, Pres.....Prineville, Ore
W. O. Hall, Sec..... "
¶ ★ ✠ C. W. Woodruff, Mgr. & Treas..... "

224—225—226—

227—CLARENDON & PITTSFORD R.R. CO. 18 Mls, 6 Loco, Cars: 220 Frt, 5 Pass

✠ F. C. Partridge, Pres.....Proctor, Vt
S. A. Howard, V.-Pres..... "
B. Williams, Sec..... "
A. W. Edson, Treas. & G.F.A. "
W. M. Fay, Asst. G. F. A.... "
✠ G. W. Howe, Supt..... "
¶ G. H. Boyce, Pur. Agt..... "
H. C. Belcher, M. M..... "

228—

229—CLEVELAND, CINCINNATI, CHICAGO & ST. LOUIS RY. CO., THE 2,187 Mls, 394 Loco, Cars: 34,358 Frt, 609 Pass, 1,245 Misc (Mileage and equipment also included in N. Y. C. Lines, No. 692x.)

New York address, 466 Lexington Ave.
Chicago address, La Salle St. Station.
Cincinnati address, 230 E. 9th St.
Indianapolis address, 502 Majestic Bldg.

EXECUTIVE, FINANCIAL AND LEGAL.

P. E. Crowley, Pres..... } New York,
H. L. Ingersoll, Asst. to Pres } N. Y.
S. B. Wight, Asst. to Pres.. "
M. J. Alger, Exec. Asst. to Pres. "
A. H. Harris, V.-Pres. Fin. & Corp. Rel..... "
G. A. Harwood, V.-Pres. (Improv. & Develop)..... "
I. A. Place, V.-Pres. (Law). "
J. L. Burdett, V.-Pres..... "
G. H. Ingalls, V.-Pres..... "
J. G. Walber, V.-Pres..... "
H. A. Worcester, V.-Pres. Cincinnati, O
E. H. Banker, Exec. Asst. to V.-Pres..... "
J. Q. Van Winkle, Asst. } Indianapolis,
to V.-Pres..... } Ind.
E. F. Stephenson, Sec..... } New York
W. C. Wishart, Compt .... } N. Y.
¶ W. C. Bower, Mgr., Pur. & Strs. "
H. G. Snelling, Gen. Treas... "
R. N. Harry, Asst. Gen. Treas. "
A. P. Burke, Treas..... } Cincin-
H. N. Quigley, Gen. Coun..... } nati, O.
S. W. Baxter, Gen. Atty..... "
C. P. Stewart, Asst. Gen. Atty. "
F. V. Whiting, Gen. Clm. } New York,
Atty..... } N. Y.
W. R. Gibbons, R. E. & Tax Agt. } Cincin-
W. R. Kellogg, Asst. R. E. Agt. } nati, O
R. H. Schmit, Asst. Tax Agt..... "
B. A. Bertenshaw, Valua. Eng... "

ACCOUNTING.

J. C. Wallace, Gen. Aud..... } Cincin-
R. F. Davies, Asst. Gen. Aud.. } nati, O

AUDITORS.

H. L. Berg (Disb.).....Cincinnati, O
F. P. Boisseau (Frt. Overcharge Clms.)..... "
F. M. Brine (Pass. Accts).. "
J. H. Pierson (Frt. Accts.).. "

ASSISTANT AUDITORS.

E. H. Flint (Pass. Accts.)..... } Cincin-
J. B. Goeke (Frt. Accts.)..... } nati, O.
R. D. Murray (Disb.)..... "

TRAFFIC.

W. T. Stevenson, Traf. Mgr. Cincinnati, O
J. W. Clark, Asst. Traf. Mgr. St. Louis, Mo
G. Krause, Jr., G. F. A.....Cincinnati, O

ASST. GENERAL FREIGHT AGENTS.

J. E. Anderson.....Cleveland, O
H. J. Burgee.....Chicago, Ill
W. L. Dewey.....Cincinnati, O
W. B. Ferguson..... "
J. A. Hickman..... "
A. F. Meyer.....Louisville, Ky
S. A. Townsend.....St. Louis, Mo
D. M. Bowman, G. P. A...Cincinnati, O

BETTER EQUIPMENT
FOR
BETTER SERVICE

GOLD'S VAPOR SYSTEM

INCLUDES

No. 887 VAPOR VALVES

No. 1145 PACKLESS SUPPLY VALVES

No. 1126 PACKLESS END VALVES

No. 804S ANTI-FREEZING COUPLERS

The system is economical in steam.

Maintenance costs are practically nil.

The cast aluminum alloy drip horn with its air deflector gives a most sensitive action to the vapor valve, creating within the car, an equable temperature under all variations in outside weather conditions.

WRITE FOR CATALOG NO. 24
for full detail description of above and all other types of Gold's Dependable Car Heating Systems and Specialties.

GOLD CAR HEATING & LIGHTING CO.

BUSH TERMINAL

220 36th Street Brooklyn, N. Y.

229—CLEVELAND, CIN., CHI. & ST. LOUIS.—Cont'd

ASST. GENERAL PASSENGER AGENTS.

H. Bertermann.....Cincinnati, O
J. W. Gardner.....St. Louis, Mo
C. B. Munyan.....Chicago, Ill
F. H. Wipper.....Cincinnati, O

J. B. Calkins, Gen. Bag. Agt..Cleveland, O
J. H. Bauer, Ch. of Tariff Bur..... } Cincinnati, O.
J. K. Vance, Frt. Clm. Agt.....Indianapolis, Ind

J. N. Crocker, Mgr. Mail Traf.....New York, N.Y

OPERATING.

C. S. Millard, Gen. Mgr....Cincinnati, O

ASSISTANTS TO GENERAL MANAGER.

R. H. Allison.....Cincinnati, O
H. E. Coverston..... "
A. F. Maischaider..... "

P. T. White, Gen. Supt. } Indianapolis
F. N. Reynolds, Asst. Gen. Supt..... } Ind. "

DIVISION SUPERINTENDENTS.

E. F. Hayes.....Springfield, O
T. J. Hayes.....Bellefontaine, O
E. M. Kelly.....Mount Carmel, Ill
H. F. Milligan.....Mattoon, Ill
D. F. Schaff.....Indianapolis, Ind
E. H. Zeigler.....Wabash, Ind

SUPERINTENDENTS OF TERMINALS.

J. D. Bell.....Cleveland, O
S. V. Bevington.....Cincinnati, O
B. C. Byers.....Indianapolis, Ind
C. A. Pennington.....Louisville, Ky

R. R. Harris, Supt. Frt. Trans. } Indianapolis, Ind.
G. James, Asst. Supt. Frt. Trans..... } "
J. R. Cavanagh, Asst. to Supt. Frt. Trans..... "
H. O. Schuyler, Supt. Pass. Trans..... "
E. S. Jackson, Supt. C. S..... "
E. L. Smith, Supt. Din. Car Serv.....Cincinnati, O
E. C. Keenan, Gen. Supt. Tele. & Telo.....New York, N. Y
J. L. Niesse, Supt. Tel... } Indianapolis, Ind.
Dr. L. A. Ensminger, Ch. Surg..... } "

PURCHASING.

¶ W. C. Bower, Mgr. Pur. & Strs.....New York, N.Y
¶ W. J. Hiner, Pur. Agt.....Cincinnati, O
E. H. Landers, Gen. Str. Kpr.....Beech Grove, Ind

DIVISION STORE KEEPERS.

P. J. Bivens.....Bellefontaine, O
C. V. Coulter.....Beech Grove, Ind
J. W. Miller.....Springfield, O
W. H. Preston.....Mount Carmel, Ill
J. L. Richeson.....Anderson, Ind
F. J. Roytek.....Mattoon, Ill

STORE KEEPERS.

W. E. Crossmeyer (Sig.).....Indianapolis, Ind
J. D. Crowley..... } Linndale Shops, Cleveland, O.

STORE KEEPERS—CONTINUED.

L. B. Moore..... } Lyons Yard, Danville, Ill.
J. W. Patterson.....Galion, O
L. B. Thatcher (Sta.)..Beech Grove, Ind

A. J. Elbbing, Supvr. Strs.....Beech Grove, Ind
H. W. Britton, Trav. Str. Kpr..... "

MECHANICAL.

D. J. Mullen, Supt. M. P. } Indianapolis, Ind.
F. K. Murphy, Asst. Supt. M. P..... } "
F. K. Mitchell, Asst. to Supt. M. P..... "
R. W. Retterer, Mech. Eng..... } Beech Grove, Ind
G. W. Ferling, Elec. Eng.... "
C. M. Tobias, Ch. Elec..... "
A. W. Martin, Supt. Shops.. "
J. A. Brossart, Supt. Shops.. "
E. G. Numan, Supvr. Power Plants..... } Indianapolis, Ind.
C. A. Harper, Gen. Boiler Insp. "
F. C. O'Neill, Supvr. Air Brks. "
H. W. Sefton, Supvr. Loco. & Fuel Perf..... "

DIVISION MASTER MECHANICS.

F. Bauer.....Indianapolis, Ind
E. J. Buckbee.....Mattoon, Ill
J. J. Karibo.....Bellefontaine, O

ROAD FOREMEN OF ENGINES.

J. H. Ackworth.....Bellefontaine, O
C. S. Bell.....Mount Carmel, Ill
C. E. Burrows.....Cincinnati, O
F. W. Carson.....Urbana, Ill
S. K. Davis.....Indianapolis, Ind
J. J. Gilchrist.....
C. H. Haynes.....Bellefontaine, O
H. D. Manley.....Mattoon, Ill
F. Markley (Asst.).....Sharonville, O
F. B. McHenry.....Indianapolis, Ind
F. R. McShane..... } Linndale, West Park Sta., Cleveland, O.
D. S. O'Dea.....Springfield, O
H. C. Parker (Asst.).....Mattoon, Ill
W. C. Parsons..... "
L. L. Schavoloske....Mount Carmel, Ill
F. C. Stevens.....Anderson, Ind
J. J. Strapp.....Springfield, O
L. C. Tyler.....Indianapolis, Ind

I. S. Downing, Gen. M. C. B.....Indianapolis, Ind
L. F. Malcolm, Asst. to Gen. M. C. B..... "

DISTRICT MASTER CAR BUILDERS.

G. H. Hopper.....Springfield, O
F. D. Miller.....Mattoon, Ill
B. F. Orr.....Indianapolis, Ind

GENERAL FOREMEN.

A. D. Barrett.....Mattoon, Ill
E. A. Ferris..... } Linndale, West Park Sta., Cleveland, O.
P. J. Harward.....Mount Carmel, Ill

THE FRICTIONLESS RAIL

683 Atlantic Avenue, Boston

Interesting to all Railroad Men

12 STOPS

STOPS—Excessive thrust and lateral pressure on high rail

STOPS—Cutting on wearing edge of high rail

STOPS—Climbing on high rail

STOPS—Elbowing of joints on high rail

STOPS—Excessive vertical wear on low rail

STOPS—Flowing of metal on head of low rail

STOPS—Outward rolling of both rails

STOPS—Rapid cutting-in of ties

STOPS—Excessive wear of wheel flanges

STOPS—Squealing and grinding

STOPS—Lateral motion of engine and coaches

STOPS—The necessity of applying brakes to steady train around curves

ALL OF ABOVE PROVED BY ACTUAL DEMONSTRATION

F. A. Barbey, Trustee *S. W. Simonds, Treas.*

H. G. Doran, Western Representative, Peoples Gas Bldg., Chicago

229—CLEVELAND CIN., CHI. & ST. LOUIS—Cont'd

GENERAL FOREMEN—CONTINUED.

J. W. Leppert.....Bellefontaine, O
C. W. Oliver.....Indianapolis, Ind
J. A. Patterson.....Springfield, O
H. P. Sullivan.....Sidney, O
L. A. Wilder, For. Paint. Beech Grove, Ind

ENGINEERING, BRIDGES & ROADWAY

H. Baldwin, Ch. Eng.....Cincinnati, O
P. Hamilton, Asst. Ch. Eng.....Cincinnati, O
O. E. Selby, Prin. Asst. Eng.....“
W. S. Burnett, Ch. Eng. Constr. “
W. C. Kegler, Eng. Trk. & Roway “
J. B. Hunley, Eng. Brdgs. & Struct. “
G. P. Smith, Consit. Eng.....“
H. C. Lorenz, Office Eng.....“
W. E. Moran, Eng. Fire Protec'n. “
G. C. Dixon, Tie Treatment Insp.....Indianapolis, Ind
E. A. Humphreys, Res. Eng.. Sidney, O
W. T. Taylor, Res. Eng. Indianapolis, Ind
W. H. Miesse, Res. Eng...Cincinnati, O

DIVISION ENGINEERS.

J. W. Burt..457 Transportation Bldg., Indianapolis, Ind.
L. B. Elliott.....Springfield, O
C. W. Engle.....Wabash, Ind
C. F. Hinchman.....Mount Carmel, Ill
W. B. Hodge. 457 Transportation Bldg., Indianapolis, Ind.
J. E. Kissell.....Galion, O
E. H. McGovern.....Mattoon, Ill

ASSISTANT DIVISION ENGINEERS.

N. L. Arbuckle 457 Transportation Bldg Indianapolis, Ind.
C. T. Bryant.....Springfield, O
H. K. Carter.....Mattoon, Ill
B. E. Delameter.....Galion, O
F. Myers.....Wabash, Ind
F. A. Presler.....Indianapolis, Ind
R. B. Stokley.....Mount Carmel, Ill

SUPERVISORS BRIDGES & BUILDINGS.

C. L. Carr.....Mattoon, Ill
C. B. Collier.....Springfield, O
J. F. Drake.....Arcanum, O
C. Fisher.....Indianapolis, Ind
J. A. Hanson.....Mount Carmel, Ill
R. F. Henry.....Galion, O
C. W. Heuss.....Indianapolis, Ind
F. McCune.....Carey, O
C. E. Nichols.....Bellefontaine, O
S. L. Toumey.....Indianapolis, Ind
W. E. Wass.....Wabash, Ind

SUPERVISORS OF TRACK.

A. Baier.....Springfield, O
J. Barth.....Mattoon, Ill
G. F. Borgman.....Bellefontaine, O
J. L. Bradley.....North Bend, O
J. M. Cotter.....Galion, O
H. H. Davison.....Kankakee, Ill
L. M. Denny. 457 Transportation Bldg., Indianapolis, Ind.
C. P. Ewald.....Harrisburg, Ill
W. E. Folks.....Cincinnati, O
J. G. Hendricks.....Hillsboro, Ill
M. W. Kniery.....Litchfield, Ill
F. F. Lambert.....Mount Carmel, Ill
G. Lease.....Forest, O
J. T. Martin.....Middletown, O

SUPERVISORS OF TRACK—CONTINUED.

W. M. Matheney.....Carmi, Ill
G. J. Nagle.....Paris, Ill
P. J. Reed.....Arcanum, O
A. C. Rupp.....Greensburg, Ind
A. Scott (Act). 457 Transportation Bldg Indianapolis, Ind.
R. Shaul.....Springfield, O
G. W. Smith.....Galion, O
P. F. Sullivan.....Cleveland, O
W. VanGorder.....Elkhart, Ind
G. B. Walters.....Terre Haute, Ind
F. L. Williams.....Anderson, Ind
H. H. Wise.....“

SIGNAL DEPARTMENT.

C. F. Stoltz, Sig. Eng.....Cincinnati, O
C. C. French, Asst. Sig. Eng. “
J. P. McGill, Asst. to Sig. Eng. “
W. Hiles, Ch. Sig. Insp.....“

DIVISION SIGNAL INSPECTORS.

R. H. Burkett.....Springfield, O
A. Carsman.....Galion, O
R. H. Collender.....Terre Haute, Ind
A. M. Gilbert.....Cincinnati, O
F. W. Kramer.....Hillsboro, Ill
E. J. Thompson.....Indianapolis, Ind

SUPERVISORS OF SIGNALS.

E. F. Ellis.....Mount Carmel, Ill
A. J. Kelly.....Indianapolis, Ind
W. V. Moak.....Galion, O
O. H. Thayer.....Mattoon, Ill
J. F. Williams.....Springfield, O

229a—CLEVELAND SOUTHWESTERN RY. & LIGHT CO.

209 Mls, 11 Motors, Cars: 29 Frt, 64 Pass, 22 Misc
Cleveland address, 1670 Union Trust Bldg.
¶ F. H. Wilson, Pres. & Gen. Mgr.....Cleveland, O
C. E. McKisson, Asst. to Pres. & Gen. Clm. Agt...“
J. P. Harris, V.-Pres.....“
C. J. Mayers, Sec. & Tres..“
E. L. Hukill, Traf. Mgr.....“
J. A. Nester, Gen. Supt.....“
✠G. H. Kelsay, Ch. Elec. Eng..Elyria, O
★J. W. Osborn, Supt. Equip.....“

229b—CLIFFSIDE R. R. CO.

8 Mls, 3 Loco, Cars: 3 Frt, 2 Pass
¶★✠C. H. Haynes, Pres.....Cliffside N. C.
W. H. Haynes, V.-Pres.....“
Z. O. Jenkins, Sec. & Treas....“
G. C. Shuford, Aud.....“

229c—CLINCHFIELD R. R. CO.

CAROLINA, CLINCHFIELD & OHIO RY.
CAROLINA, CLINCHFIELD & OHIO RY. OF S. C
CLINCHFIELD NORTHERN RY. OF KENTUCKY

Lessees

Atlantic Coast Line R. R. Co., No. 47.
Louisville & Nashville R. R. Co., No. 549.

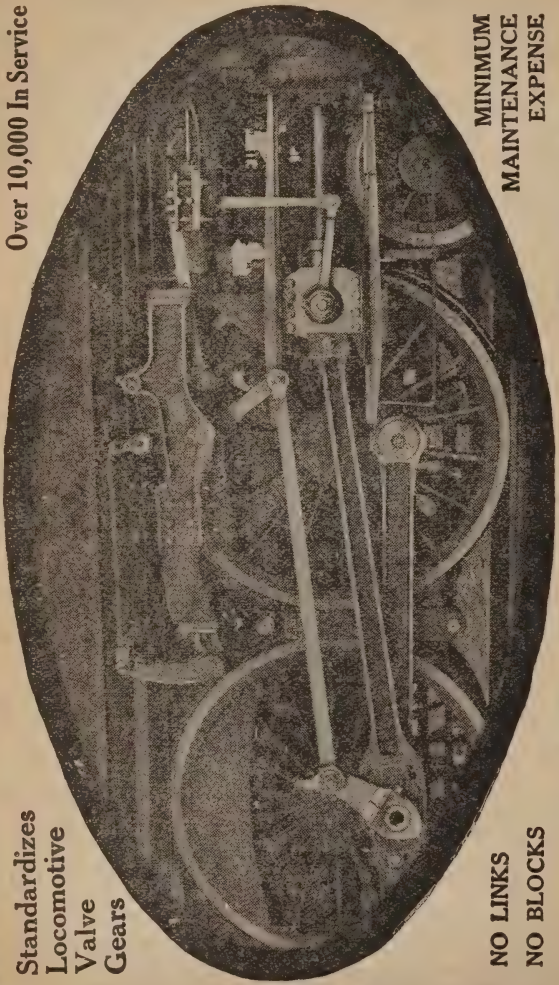
309 Mls, 86 Loco, Cars: 7,717 Frt, 39 Pass, 96 Misc
New York Address, 71 Broadway.
L. H. Phetteplace, Gen. Mgr. Erwin, Tenn
J. W. Sanders, Treas. Johnson City, Tenn
W. J. McDonald, Asst. Treas.....New York, N. Y
C. Hewett, Gen. Aud.....Johnson City, Tenn.
J. J. McLaughlin, Gen. Solr.....“
C. A. Smith, G. F. & P. A..“

STANDARD COUPLERS | Made by

BAKER LOCOMOTIVE VALVE GEAR

Over 10,000 In Service

Standardizes
Locomotive
Valve
Gears



MINIMUM
MAINTENANCE
EXPENSE

NO LINKS
NO BLOCKS

THE PILLIOD COMPANY, R. H. WEATHERLY, President
30 CHURCH STREET, NEW YORK

229c—CLINCHFIELD—Continued.
C. W. Walker, Asst. G.F. & P. A. ..... } Johnson City, Tenn.
P. C. Green, Ind. Agt.....Erwin, Tenn
L. L. McIntyre, Supt..... "
J. M. Ferguson, Supt. Trans. "
¶ W. A. Starritt, Pur. Agt.....Johnson City, Tenn
W. S. Moseley, Mech. Eng..Erwin, Tenn
G. F. Shull, Supt. Mchy.... "
GENERAL FOREMEN.
H. A. Bower (Car Dept.)..Erwin, Tenn
T. G. McFall (Loco. Dept.). "
W. C. Hattan, Ch. Eng.....Erwin, Tenn
E. J. Vandegrift, Mast. Carp. "
J. H. Lynch, Rd. Mast..... "
H. A. Brown, Rd. Mast..... "
R. S. Jones, Sig. Insp..... "

229d—CLINTON & OKLAHOMA WESTERN R. R. CO., THE
60 Mls, 5 Loco, Cars: 36 Frt, 4 Pass
F. Kell, Pres.....Wichita Falls, Tex
J. A. Kell, V.-Pres.... "
E. A. Humphrey, Sec.....Clinton, Okla
G. Henshaw, Gen. Atty.. "
¶★✠✪I. A. Cushman, Gen. Mgr., Treas. & Pur. Agt. "
C. G. Loving, Aud..... "
R. A. Thompson, Ch. Eng.....Wichita Falls, Tex

229e—CLINTON, DAVENPORT & MUSCATINE RY. CO. (Electric).
66 Mls, 6 Mot, Cars: 11 Pass, 17 Misc
✪B. J. Denman, Pres..... } Davenport, Ia
R. B. MacDonald, Exec. V.-Pres
R. J. Smith, V.-Pres. & Gen. Mgr. "
H. E. Littig, Sec..... "
H. E. Weeks, Treas..... "
G. H. Frick, Gen. Aud..... "
M. Marcussen, Clm. Agt..... "
L. C. Lemon, Asst. Gen. Mgr... "
C. F. Dege, Gen. Supt..... "
¶ G. G. Kuhn, Pur. Agt..... "
J. Sutherland, M. M..... "
W. W. Prater, Rd. Mast..... "

——† CLOVER LEAF ROUTE.
See N. Y. C. & St. L. R. R. Co., No. 695c.

230—COAHUILA & ZACATECAS RY.
103 Mls, 3 G, 12 Loco, Cars: 189 Frt, 3 Pass, 20 Misc
J. Ramsden, Pres.....Manchester, Eng
R. H. Jeffrey, V.-Pres. & Gen. Mgr..... } Saltillo, Coahuila, Mex
¶ J. Blackett, Aud..... "
J. Morales, Supt..... "
§ H. Rudd, M. M..... "
T. S. Abbott, Res. Eng... "

231—COLFAX NORTHERN RY. CO.
6 Mls, 2 Loco, Cars: 4 Frt, 6 Pass, 1 Misc
T. W. Griggs, Pres.....Colfax, Ia
M. B. Seevers, V.-Pres. & Treas. "
¶★✠W. Blakeley, Sec. & Gen. Mgr.... "

232—COLLINS & GLENNVILLE R. R.
23 Mls, 2 Loco, Cars: 1 Pass., 1 Misc, 2 Mot
¶★✠✪J. D. Bradley, Pres. Glennville, Ga
W. A. Dubberly, V.-Pres. "
W. H. Le Grande, Aud.... "
C. L. Cowart, Gen. Coun.. "

233—COLORADO & SO. EASTERN R.R. CO., THE
20 Mls, 3 Loco, Cars: 13 Frt, 1 Pass
✠✪B. W. Snodgrass, Pres. } 302 E. & C. Bldg., Denver, Col.
A. M. Johnson, V.-Pres. & Traf. Mgr..... "
J. M. Blee. Aud..... "
★W. E. Miller, Supt.....Hastings, Col
¶ D. G. Hughes, Pur. Agt....Denver, Col

234—COLORADO & SOUTHERN RY. CO., THE 1,057 Mls, 3 & 4.8½ G, 171 Loco, Cars: 6,157 Frt, 142 Pass, 483 Misc
EXECUTIVE, FINANCIAL AND LEGAL.
Hale Holden, Pres. & Ch. Ex. Comm.....Chicago, Ill
C. G. Burnham, Exec. V.-Pres "
✪R. Rice, V.-Pres. & Gen. Mgr. } Denver, Col.
B. F. James, Sec. & Treas..... }
J. L. Rice, Gen. Atty..... "
J. Q. Dier, Asst. Gen. Atty..... "
R. H. Doolittle, Clm. Agt..... "
C. R. Iliff, Frt. Clm. Agt..... "
C. J. Niehaus, R. E. & Tax Agt. "
ACCOUNTING.
J. H. Bradbury, Compt.....Denver, Col
E. I. Grenfell, Gen. Aud..... "
C. A. Trimble, Aud. Revenues "
W. F. Dobecki, Aud. Expenditures..... "
G. A. Nelson, Car Acct..... "
TRAFFIC.
H. A. Johnson, Traf. Mgr...Denver, Col
J. E. Buckingham, G.F. & P.A. "
C. A. Grigg, Act. Asst. G.F.A. "
OPERATING.
R. Rice, V.-Pres. & Gen. Mgr.. } Denver, Col.
W. P. Hayden, Asst. Gen. Mgr. }
G. B. Hoover, Supt. Trans..... "
D. D. Dewey, Supt. Din. Car Serv. "
J. L. Henritzy, Supt. Tel..... "
Dr. F. H. McNaught, Ch. Surg.. "
SUPERINTENDENTS.
E. F. Loft.....Denver, Col
E. B. Mitchell..... "
M. O'Connor (Asst).....Trinidad, Col
J. D. Walker..... "
PURCHASING.
¶ W. C. Weldon, Pur. Agt....Denver, Col
G. Hutchins, Gen. Str Kpr.. "
MECHANICAL.
H. W. Ridgway, Supt. M. P. Denver, Col
H. E. Hinds, Asst. to Supt. M. P. "
MASTER MECHANICS.
G. S. Hunter.....Trinidad, Col
A. Roesch.....Denver, Col

J. P. Cowley, Trav. Eng....Denver, Col
ROAD FOREMEN OF ENGINES.
A. Nelson.....Denver, Col
C. J. Shaughnessy..... "
M. J. Valley.....Trinidad, Col

F. McLees, Div. For.....Cheyenne, Wyo
O. T. Jackson, Gen. Car For..Denver, Col
B. D. Mason, Mast. Paint.. "
ENGINEERING, BRIDGES & ROADWAY
R. C. Gowdy, Ch. Eng.....Denver, Col
W. H. Hess, Valua. Eng.... "

The New National NACO Draft Gear

A New Method of Cutting Maintenance Costs

OPERATING revenues have many mouths to feed. Maintenance of equipment is one of the most hungry of these. Modern intensive service imposes terrific punishment on freight equipment. Still higher maintenance costs will result unless you provide modern protection for the cars.

The National M-17 Draft Gear provides a sure method of reducing maintenance costs. Its tremendous cushioning power is just the protection that freight equipment needs to offset high speeds, great loads and heavy cars.

This draft gear combines great strength and long life with smooth action and prompt, sure release. Its use, whether on old or new equipment, will help to keep cars in continuous profitable service and reduce maintenance costs.

We invite a searching test of National Naco Steel Draft Gears by your own Mechanical Department.

NATIONAL MALLEABLE AND STEEL CASTINGS CO.
General Office: Cleveland, Ohio
Sales Offices: New York, Philadelphia, Washington, Chicago, St. Louis, San Francisco.
Works: Cleveland, Chicago, Indianapolis, Toledo, East St. Louis, Ill., Sharon, Pa., Melrose Park, Ill.

NACO Steel
Trademark Registered

Naco is a special electric furnace steel. It is tough, strong and wear resistant. No material of equal quality has ever before been used in draft gear manufacture.

NATIONAL
NACO STEEL
DRAFT GEARS

234—COLORADO & SOUTHERN—Continued.

MASTER CARPENTERS.

A. W. Pauba.....Denver, Col
R. Beeson.....Trinidad, Col

ROAD MASTERS.

J. Cahill.....Denver, Col
I. J. Kilburn..... "
A. Melin..... "
A. S. Murray..... Cheyenne, Wyo
C. Nolan.....Trinidad, Col

ASSISTANT ROAD MASTERS.

W. M. Barrett.....Walsenburg, Col
J. Carlson.....Denver, Col
H. Conway.....Trinidad, Col

234a COLORADO & SOUTHWESTERN R. R. CO.

41 Mls, 3 G, 3 Loco, Cars: 3 Frt, 1 Misc

★W. P. McPhee, Pres.....Denver, Col
¶✠J. J. Orr, V.-Pres.....McPhee, Col
W. W. Blood, Sec.....Denver, Col
J. E. McPhee, Treas..... "

235—COLORADO & WYOMING RY. CO.

43 Mls, 28 Loco, Cars: 495 Frt, 6 Pass, 6 Misc
Denver address, 820 Boston Bldg.

J. F. Welborn, Pres..... } Denver,
J. B. Marks, V.-Pres..... } Col.
✪F. Farrar, V.-Pres. & Gen. Coun.. "
W. Stephens, Sec..... "
S. G. Pierson, Treas..... "
W. P. Peabody, Aud..... "
W. Wire, Gen. Mgr. & Traf. Mgr. "
★✠G. VanBrimer, Gen. Supt..Pueblo, Col

DIVISION SUPERINTENDENTS.

W. D. Bunker.....Pueblo, Col
J. C. Lord.....Segundo, Col
T. Tucker.....Sunrise, Wyo

¶G. Alley, Gen. Pur. Agt.....Denver, Col

236—COLORADO-KANSAS RY. CO., THE

22 Mls, 1 Loco, Cars: 15 Frt, 1 Pass

✪J. F. Springfield, Pres.....Pueblo, Col
C. E. Sutton, V.-Pres..... "
¶★R. K. Potter, V.-Pres. & Gen. Mgr..... "
C. E. Curran, Sec. & Treas.. "
J. R. Greenlees, Traf. Mgr.. "

237—COLORADO SPRINGS & CRIPPLE CREEK R. R.

Abandoned 1925.

238—

239—COLUMBIA, NEWBERRY & LAURENS R. R. CO.

75 Mls, 8 Loco, Cars: 30 Frt, 8 Pass, 19 Misc

✪J. P. Taylor, Pres. & Gen. Mgr } Columbia,
J. B. S. Lyles, V.-Pres..... } S. C.
¶C. P. Seabrook, Sec. & Treas... "
J. T. Stewart, Aud..... "
R. A. Brand, Frt. Traf. Mgr. } Wilming-
W. J. Craig, Pass. Traf. Mgr. } ton, N. C
A. H. Shepard, Frt. Clm. Agt...
§ J. S. W. Lilley, Str. Kpr., Columbia, S.C
W. R. Humphlett, M. M. "
F. J. Reddick, Rd. Mast. "

240—COLUMBUS & GREENVILLE RY. CO.

168 Mls, 27 Loco, Cars: 19 Frt, 22 Pass, 64 Misc

A. T. Stovall, Pres..... } Columbus,
G. S. Gaines, Sec. & Treas. } Miss
J. L. Meador, Aud..... "
A. F. Gardner, Gen. Coun..... Greenwood, Miss
H. R. Redwood, Frt. Clm. Agt.....Columbus, Miss
N. V. Hutchinson, G. F. & P. A.....Winona, Miss
R. D. Sandberg, Asst. G. F. A. "
W. G. Johnston, Car Acct.....Columbus, Miss
J. H. Rigby, Supt..... "
Dr. W. C. Brewer, Ch. Surg..... "
¶A. S. Thompson, Pur. Agt. & Str. Kpr..... "
T. M. Pullen, M. M..... "
R. C. Crocker, Rd. Mast. "

241—COLUMBUS, NEWARK & ZANESVILLE ELECTRIC RY. CO., THE

See So. Ohio Public Service Co., No. 926.

241a—COMBS, CASS & EASTERN R. R. CO. 17 Mls, 1 Loco, Cars 2 Frt, 1 Pass, 5 Misc

¶★J. Fulbright, Pres. & Gen. Mgr.....Fayetteville, Ark
F. N. Gray, V.-Pres.... "
J. W. Fulbright, Sec. & Treas..... "
W. A. Cain, Traf. Mgr. & Clm. Agt..... "
J. E. East, Gen. Supt.....Combs, Ark
J. H. Brashears, Rd. Mast.. "

—† **CONNECTING TERMINAL R. R.**

See Penna. R. R., No. 751.

241b—CONEMAUGH & BLACKLICK R. R. CO. 42 Mls, 36 Loco, 1 Misc

G. H. Masters, Pres.....Johnstown, Pa
S. D. Evans, V.-Pres..... "
★✠H. E. Trout, V.-Pres... "
B. J. Picking, Sec. & Treas. "
A. G. Ueberroth, Aud...Bethlehem, Pa
¶W. C. Worth, Pur. Agt.. "

241c—COOPERSTOWN & CHARLOTTE VALLEY R. R. CO.

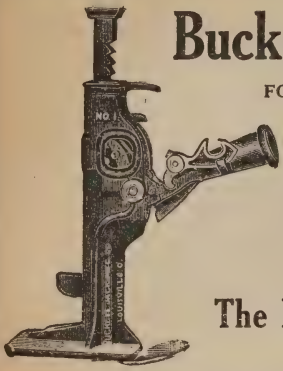
16 Mls, Equipment owned—none

For officials see D. & H. Co., No. 274.

242—COPPER RANGE R. R. CO.

140 Mls, 20 Loco, Cars: 620 Frt, 21 Pass, 22 Misc

W. A. Paine, Pres.. } 82 Devonshire St.
F. P. Son, Asst. to Pres. } Boston, Mass.
F. W. Paine, V.-Pres. & Treas..... "
J. A. Ackroyd, Sec.... "
H. C. Schulte, Gen. Coun.. } Houghton,
C. E. Wright, Aud..... } Mich.
✪G. H. Wescott, Gen. Mgr.... "
A. H. Ehlers, Gen. Supt..... "
Dr. W. K. West, Ch. Surg.....Painesdale, Mich
¶J. M. Wagner, Pur. Agt.... } Houghton,
G. Bisson, M. M..... } Mich.
F. L. Batchelder, Ch Eng.... "
P. H. Petersen, Rd. Mast.... "



Buckeye R. R. Jacks

FOR EVERY REQUIREMENT

Are used by most of the large Railroads of America and are pronounced by Master Mechanics as the BEST ON THE MARKET

Made by

The Buckeye Jack Mfg. Co.

ALLIANCE, OHIO

CRERAR, ADAMS & CO., Chicago

Representatives for Chicago District

ÆOLUS VENTILATORS

MADE OF CAST IRON and SHEET METALS

PURE AIR—EVERYWHERE

ALSO MANUFACTURERS OF

SMOKE JACKS — CHIMNEYS

PAUL DICKINSON, INC.

PROMPT DELIVERY INCLUDED

3346 So. Artesian Avenue - - - - CHICAGO

243—COPPER RIVER & NORTHWESTERN RY.
195 Mls, 18 Loco, Cars: 174 Frt, 6 Pass, 125 Misc
New York address, 120 Broadway.
Seattle address, Pier No. 2.
S. Birch, Pres.....New York, N. Y
T. Cochran, V.-Pres..... "
E. T. Stannard, V.-Pres...Seattle, Wash
F. R. Raiff, V.-Pres.... New York, N. Y
C. T. Ulrich, Sec..... "
T. Cochran, Treas..... "
R. G. Crouch, Asst. Treas. Seattle, Wash
W. T. Ford, Aud..... "
J. H. Bunch, Traf. Mgr.. "
★✠F. A. Hansen, Supt..Cordova, Alaska
¶ W. B. Sprague, Pur. Agt..Seattle, Wash

244—CORNWALL R. R. CO.
13 Mls, 10 Loco, Cars: 141 Frt, 12 Pass, 2 Misc
H. C. Crawford, Pres....Bethlehem, Pa
✪J. W. Yake, V.-Pres. & Asst. Treas.....Lebanon, Pa
R. E. McMath, Sec..... } Bethlehem,
W. F. Hartmann, Treas... } Pa.
H. C. Yake, Asst. Treas.....Lebanon, Pa
F. A. Shick, Aud.....Bethlehem, Pa
✠J. Wintersteen, Gen. Mgr...Lebanon, Pa
¶ W. C. Worth, Pur. Agt...Bethlehem, Pa
§ E. Clark, M. M.....Lebanon, Pa

245—CORTLAND COUNTY TRACTION CO., The (Electric).
17 Mls, Cars: 1 Frt, 17 Pass, 19 Misc
E. Duffey, Pres..... ....Cortland, N. Y
¶★✠G. H. Garrison, Treas. & Gen. Mgr..... "

246—247—

——† COTTON BELT ROUTE.
See St. Louis Southwestern Ry., No. 860.

248—COUDERSPORT & PORT ALLEGANY R. R. CO.
39 Mls, 5 Loco, Cars: 74 Frt, 5 Pass, 1 Misc
J. L. Knox, Pres.....Coudersport, Pa
A. C. Stamm, V.-Pres....Harrisburg, Pa
A. B. Mann, Sec..... } Couders-
J. W. Wells, Treas..... } port, Pa.
W. E. Smith, Act. Aud. & Supt. Car Serv..... "
¶★✠✪R. A. Knox, Gen. Supt. & G. F. & P. A..... "

248a—COWLITZ, CHEHALIS & CASCADE RY.
24 Mls, 5 Loco, Cars: 104 Frt, 2 Pass (motor)
14 miles under construction.
✪W. E. Brown, Pres., Treas. & Gen. Mgr....Chehalis, Wash
C. L. Brown, V.-Pres.... "
H. C. Coffman, Sec..... "
M. B. McBride, Aud. & Asst. Treas..... "
¶G. M. Brown, Supt. & Pur. Agt..... "
Dr. H. L. Petit, Ch. Surg. "
C. W. Flanners, M. M... "
R. W. Sweet, Ch. Eng.. "
J. P. Rains, Rd. Mast... "

249—CRAIG MOUNTAIN RY. CO.
6 Mls, 1 Loco, Cars: 1 Pass
E. H. Van Ostrand, Pres. } Winchester,
★✪W. C. Geddes, V.-Pres. } Ida.
¶✠R. Hansen, Aud. & Supt. "

250 to 256

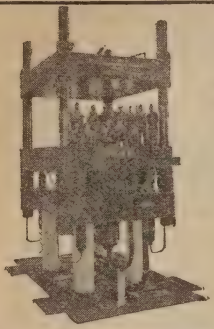
257—CRYSTAL RIVER & SAN JUAN R. R. 28 Mls, 1 Loco, Cars: 5 Frt, 2 Misc
¶✠✪R. S. Thompson, Pres...Marble, Col
S. C. Chase, V.-Pres..... "
W. W. Blood, Sec.....Denver, Col
E. C. Hanley, Treas.....Marble, Col
W. F. Hafner, Aud..... " "
F. V. Mueller, M. M..... " "

258—CUMBERLAND & MANCHESTER R. R. CO.
26 Mls, 9 Loco, Cars: 51 Frt, 6 Pass, 10 Misc
¶✠✪F. M. Heidrick, Pres..... } Barbour-
T. D. Tinsley, V.-Pres..... } ville, Ky
G. M. Richards, Jr., Sec., Treas. & Asst. Gen. Mgr..... "
¶C. F. Heidrick, Gen. Mgr., Pur. Agt., G. F. & P. A. & Car Acct. "
J. B. Myers, Aud..... "
✠F. F. Roberts, Supt..... "
O. G. McPhail, M. M..... "

259—CUMBERLAND & PENNSYLVANIA R. R. CO.
50 Mls, 21 Loco, Cars: 1,992 Frt, 12 Pass, 22 Misc
New York address, 67 Wall St.
C. W. Watson, Pres....New York, N. Y
W. L. Andrews, V.-Pres. Baltimore, Md
S. D. Camden, V.-Pres..... } New York,
H. H. Snoderly, Sec., Asst. } N. Y.
Treas. & Asst. Gen. Aud... "
H. H. Warfield, Treas. & Asst. Sec..... "
C. H. Bradfield, R. E. Agt... "
A. K. Bowles, Gen. Aud..... "
E. T. Dixon, Aud.....Cumberland, Md
J. F. Graves, G. F. & P. A..Baltimore, Md
✪J. T. Robertson, Gen. Mgr.....Cumberland, Md
W. T. Ross, Car Acct... "
¶ A. T. Watson, Gen. Pur. Agt. } Fairmont,
¶ F. C. Davis, Asst. Gen. Pur. } W. Va.
Agt..... "
§ J. Delaney, Supt. M. P. Mt. Savage, Md
W. Claus, Eng. M. W..Cumberland, Md

260—CUMBERLAND RY. & COAL CO.
32 Mls, 6 Loco, Cars: 220 Frt, 4 Pass, 7 Misc
R. M. Wolvin, Pres } Canada Cement
} Bldg., Montreal, Que
J. E. McLurg, V.-Pres.....Sydney, N. S
C. S. Cameron, Sec.....Montreal, Que
M. A. Doak, Compt.....Sydney, N. S
J. R. McIsaac, Gen. Traf. & Trans. Mgr..... "
✠✪H. J. McCann, Gen. Mgr. Glace Bay, N. S
D. A. McMillan, Supt...Springhill, N. S
¶ W. G. Stanfield, Pur. Agt..Sydney, N. S
H. T. Muirhead, M. M....Springhill, N. S

PINTSCH LIGHT USED ON 217 RAILROADS. The Safety C. H. & L. Co. 2 Rector St., New York



Largest Locomotive Flanging Press. Built Complete at Birdsboro.

Flanging Presses
Driving Wheel Presses
Car Wheel Presses
Forging Presses
Bending Presses
Scarfing Presses
Bulldozers
Spring Machinery
Riveters
Shears

Hydraulic High Pressure Valves and other hydraulic equipment of improved design for railroad shops.

BIRDSBORO STEEL FOUNDRY AND MACHINE COMPANY

Birdsboro, Pa.

BIRDSBORO

THE DRAPER MANUFACTURING CO.

PORT HURON, MICH. PETROLEA, CANADA

PNEUMATIC FLUE WELDERS and SWEDGERS

For repairing small and superheater flues, and for light forging work.

FLUE RECLAIMING EQUIPMENT

For welding long ends on flues and repairing splits and flaws in flues.

FLUE RATTLERS

BALL FINISHING TOOLS

PNEUMATIC LOCOMOTIVE TURN-TABLE MOTORS.

Descriptive booklets on request.

261—

262—CUYAHOGA VALLEY RY. CO.
14 Mls, 7 Loco, Cars: 44 Frt
W. M. Lorenz, V.-Pres... } Box 694,
A. T. Clark, Traf. Mgr... } Cleveland, O

263—264—

265 DALLAS TERMINAL RY. & UNION DEPOT CO. 13 Mls, 2 Loco
D. Upthegrove, Pres. .....St. Louis, Mo
F. W. Green, V.-Pres..... "
J. F. Lenane, V.-Pres.....Tyler, Tex
J. J. Simmons, V.-Pres.....Dallas, Tex
H. T. Allen, Sec. & Aud..... "
W. O. Connor, Treas..... "
★✠W. E. McGraw, Gen. Supt..Tyler, Tex
K. M. Post, Supt..... "

266—DANSVILLE & MOUNT MORRIS R. R. CO., THE
15 Mls, 3 Loco, Cars: 3 Pass (inc. 1 Motor)
Receivers appointed, June 8, 1894.
¶✠✪E. M. Harter, Managing Recr.....Dansville, N. Y
C. Hubbell, Recr.....Buffalo, N. Y
G. F. Phillips, Coun. for Recrs. "
T. F. Humphrey, Coun. for Recr.....New York, N. Y
J. Quinlivan, G. F. & P. A..Dansville, N. Y
G. G. Palmgreen, M. M.... "

267—DANVILLE & WESTERN RY. CO.
83 Mls, 9 Loco, Cars: 159 Frt, 12 Pass, 19 Misc
Washington address, 1300 Penn. Ave., N. W.
Fairfax Harrison, Pres.....Washington, D. C
W. D. Mershon, Aud.....Danville, Va
J. S. King, Frt. Clm. Agt...Atlanta, Ga
W. E. Nichols, G. F. A..... "
★W. J. O'Pry, Supt.....Danville, Va
¶J. A. Butterworth, Pur. } Washington,
Agt..... } D. C.
B. M. Allen, Eng. M. W.... "
For other officials see So. Ry. Sys., No. 927.

268—DARDANELLE & RUSSELLVILLE R. R. CO.
7 Mls, 3 Loco, Cars: 10 Frt, 5 Pass
J. G. Puterbaugh, Pres. McAlester, Okla
✪J. W. White, V.-Pres..Russellville, Ark
✠A. P. Rudowsky, V.-Pres. & Traf. Mgr.....Dardanelle, Ark
¶★✠✪C. E. Hall, Sec. Treas. & Gen. Mgr.... "
J. D. Riley, Aud..... "

269—DAVENPORT, ROCK ISLAND & NORTHWESTERN RY. CO.
49 Mls, 9 Loco, Cars: 40 Frt, 1 Misc
E. P. Bracken, Pres.....Chicago, Ill
P. L. Hinrichs, Sec. & } Union Sta.,
Treas..... } Davenport, Ia
J. P. Harrison, Aud. & Asst. Treas..... "
¶C. B. Rodgers, Gen. Mgr.. "
C. T. Lee, M. M..... "
F. S. Weisbrook, Eng. M. W. & Struct..... "

—† DAWSON RY.
See El Paso & So'western R.R. Co., No. 317

270—DAYTON & TROY ELECTRIC RY. CO. 36 Mls, Cars: 32 Frt, 19 Pass, 3 Misc
H. P. Clegg, Pres.....Dayton, O
¶★R. A. Crume, V.-Pres. & } Tippecanoe
Gen. Mgr..... } City, O.
J. F. Keller, Aud..... "
O. H. Murlin, G. F. & P. A....Dayton, O
W. M. Kessler, Supt. Trans. } Tippecanoe
J. D. Racer, Rd. Mast..... } City, O.

271—DAYTON & UNION R.R. CO., THE
47 Mls, 2 Loco, Cars: 1 Frt, 6 Pass
For officials see B. & O. R. R., No. 58b.

271a—DAYTON, GOOSE CREEK RY. CO. 25 Mls, 3 Loco, Cars: 2 Frt, 2 Pass, 1 Misc
R. S. Sterling, Pres.....Houston, Tex
W. S. Farish, 1 V.-Pres... "
¶✠A. E. Kerr, 2 V.-Pres. & Gen. Mgr..... "
✪J. J. Balderach, 3 V.-Pres. & Treas.....Dayton, Tex
W. G. Sterling, Sec .....Houston, Tex
R. E. Pitts, Aud .....Dayton, Tex
F. L. Gordon, G. F. & P. A. Houston, Tex
W. H. Perryman, Supt. M. P.....Goose Creek, Tex

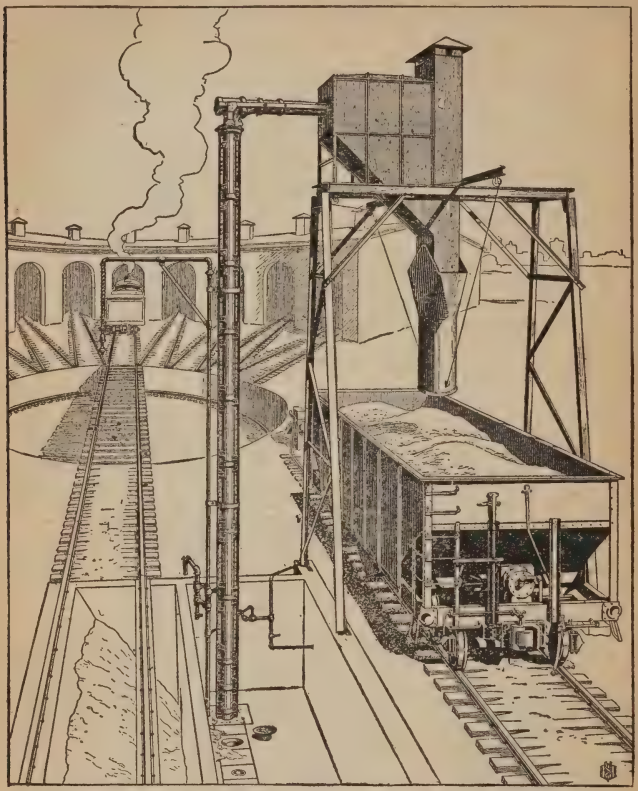
272—DEATH VALLEY R. R.
21 Mls, 3:G, 2 Loco, Cars: 26 Frt, 1 Pass
U. S. Miller, Sec.... } 1014 Central Bldg.,
} Los Angeles, Cal.
For other officials see T. & T.R.R., No. 982b

272a—DEEP CREEK R. R. CO.
46 Mls, 2 Loco, Cars: 1 Frt, 1 Pass, 1 Misc
C. M. Levey, Pres..... } 922 Mills Bldg.,
E. W. Mason, V.-Pres.. } San Francisco,
C. Elsey, Sec. & Treas.. } Cal
F. M. Angellotti, Gen. Coun..... "
¶★D. C. DeGraff, Aud... "
✠M. Moore, Mgr... .....Wendover, Utah

273—DEERING SOUTHWESTERN RY.
33 Mls, 2 Loco, Cars: 96 Frt, 3 Pass
Chicago address, 606 So. Michigan Ave.
H. B. Utley, Pres.....Chicago, Ill
P. E. Gilbert, V.-Pres..... "
F. N. Dawson, Sec., Treas. & } Deering,
Supt..... } Mo.
J. E. Ryan, Aud.....Chicago, Ill
T. J. Maloney, Gen. Mgr.... "
H. W. Rives, Car Acct. Caruthersville, Mo
¶W. B. Edgar, Pur. Agt.....Chicago, Ill
W. J. Wheaton, Eng. West Pullman, Ill

273a—DE KALB & WESTERN R. R.
11 Mls, 1 Loco, Cars: 4 Frt, 2 Pass
✪F. J. Hughes, Pres., Treas. & Gen. Mgr.....Meridian, Miss
¶★✠E. H. Jones, Asst. to Pres. & G. F. & P. A....De Kalb, Miss
W. E. Baskin, V.-Pres....Meridian, Miss
R. E. Wilbourn, Sec.... "
D. P. White, Aud....Electric Mills, Miss

ELESCO SUPERHEATERS FEED WATER HEATERS THE SUPERHEATER COMPANY NEW YORK CHICAGO



American Cinder Pit Conveyor

THE quickest, cleanest, least expensive method yet devised for disposing of cinder pit refuse—the conveyor handles one or more pits—"Nothing moves but the cinders," resulting in less wear, lowest possible maintenance and repairs with proportionate operating costs. Steam for operating can be taken from either locomotive or terminal power plant. The American Cinder Pit Conveyor requires less labor than any other type of epuipment for removing cinders from pits. Ask for Catalog P. E.

CONVEYORS CORPORATION OF AMERICA

326 West Madison Street - - - - Chicago, Illinois

274—DELAWARE & HUDSON CO., THE 895 Mls, 480 Loco, Cars: 16,240 Frt, 387 Pass, 883 Misc

New York address, 32 Nassau St.

EXECUTIVE, FINANCIAL AND LEGAL.

L. F. Loree, Pres. & Chmn. Exec. Com. ..... New York, N.Y.
W. H. Williams, V.-Pres. ..... "
C. A. Peabody, V.-Pres. ..... "
J. T. Loree, V.-Pres. & Gen. Mgr. ..... Albany, N. Y.
F. P. Gutelius, Res. V.-Pres. ..... Montreal, Que.
F. W. Leamy, Asst. to Pres. & Asst. Sec. ..... New York, N. Y.
R. C. Kann, Asst. to V.-Pres. "
J. W. Coon, Sec. ..... "
W. H. Davies, Treas. ..... "
C. H. Booth, Asst. Treas. ..... "
W. C. Noyes, Gen. Coun. ..... "
H. T. Newcomb, Gen. Solr. ..... "
W. L. Lawrence, R. E. Agt. Scranton, Pa

ACCOUNTING.

W. E. Eppler, Compt. ..... New York, N. Y
H. D. Chamberlain, Aud. ..... Albany, N. Y
J. H. Reddy, Asst. to Aud. ..... "

AUDITORS.

F. L. Danforth (Disb.) ..... Albany, N. Y
H. A. Ostiguy (Sta. Accts.) ..... "
W. S. Palmer (Frt. Accts.) ..... "
A. V. Vallandingham (Cap. Accts.) ..... "

R. B. Sims, Frt. Clm. Agt. ..... Albany, N. Y

TRAFFIC.

W. J. Mullin, Gen. Traf. Mgr. ..... Albany, N. Y.
C. E. Rolfe, Asst. Gen. Traf. Mgr. ..... "
L. F. Perry, Asst. to Gen. Traf. Mgr. ..... "
W. G. Story, G. F. A. ..... "
F. N. Hiller, Asst. G. F. A. ..... "
M. J. Powers, G. P. A. ..... "
C. S. Hallenbeck, Ch. of Tariff Bur. "
R. C. Walker, Gen. Bag. Agt. ..... "
F. W. Nyland, Coal Frt. Agt. ..... "
J. E. Colket, Milk Agt. ..... "

OPERATING.

J. T. Loree, V.-Pres. & Gen. Mgr. ..... Albany, N.Y.
G. E. Bates, Asst. to V.-Pres. ..... "
H. F. Burch, Asst. Gen. Mgr. ..... "
W. W. Bates, Asst. to Gen. Mgr. "
J. E. Roberts, Supt. Trans. ..... "
R. C. Walker, Supt. Mail Trans. "
H. A. Empie, Gen. Fuel Agt. ..... "
J. E. Long, Supt. Safety ..... "
A. H. Rice, Supt. Tel. ..... "
F. R. Simpson, Supt. Din. Cars. "

SUPERINTENDENTS.

J. E. Fairhead ..... Albany, N.Y
G. D. Hughey ..... Plattsburg, N.Y
M. F. Leamy ..... Oneonta, N.Y
C. A. Morgan ..... Carbondale, Pa

PURCHASING.

¶ J. White Sprong, Pur. Agt. ..... Albany, N.Y
F. C. Reardon, Supt. Stores ..... Colonie, N. Y. / P. O. Watervliet

DIVISION STORE KEEPERS.

C. I. Caswell ..... Plattsburg, N.Y
O. J. La Paugh ..... Colonie, N. Y. / P. O. Watervliet
F. J. McGuinness ..... Oneonta, N. Y
R. J. Pomeroy ..... Carbondale, Pa

MECHANICAL.

G. S. Edmonds, Supt. M. P. ..... Albany, N.Y.
A. B. Appler, Mech. Eng. ..... "
P. E. Bast, Fuel Eng. ..... "
A. C. Woodward, Ch. Fuel Supvr. "

MASTER MECHANICS.

J. J. Brennan ..... Carbondale, Pa
G. Brown ..... Oneonta, N. Y
J. F. Donnellan ..... Colonie, N. Y. / P. O. Watervliet

ROAD FOREMEN OF ENGINES.

J. R. Bowen ..... Colonie, N. Y. / P. O. Watervliet
B. Campbell ..... Plattsburg, N. Y
J. M. Morrison ..... Oneonta, N. Y
H. L. Symons ..... Carbondale, Pa

G. W. Ditmore, M. C. B. ..... Albany, N.Y
W. H. Hickok, Ch. Insp. Car Dept. ..... "
H. G. Becker, Shop Supt. ..... Colonie, N. Y / P. O. Watervliet

GENERAL FOREMEN.

R. Morton ..... Oneonta, N. Y
C. S. Williams ..... Colonie, N. Y / P. O. Watervliet
W. B. Woolever ..... Carbondale, Pa

DIVISION CAR FOREMEN.

A. G. Ditmore ..... Oneonta, N. Y
T. A. Heminway ..... Colonie, N. Y. / P. O. Watervliet
J. W. Howard ..... Carbondale, Pa

J. A. Jones, Gen. Air Brk. Supvr. ..... Colonie, N.Y. / P. O. Watervliet
J. T. Hines, Jr., Supvr. Tools ..... "

FOREMEN PAINTERS.

J. E. Blocksidge (Car) ..... Carbondale, Pa
W. Ford (Loco. Dept.) ..... Colonie, N. Y. / P. O. Watervliet
J. E. Hewel (Car) ..... Oneonta, N.Y

ENGINEERING, BRIDGES & ROADWAY

J. MacMartin, Ch. Eng. ..... Albany, N. Y.
H. S. Clarke, Eng. M. W. ..... "
P. O. Ferris, Asst. Eng. M. W. ..... "
J. McAvoy, Valua. Eng. ..... "
G. Dodds, Elec. Eng. ..... Colonie, N.Y. / P. O. Watervliet
F. Pond, Eng. Brdgs. ..... Albany, N.Y.
W. H. Mansfield, Devel. Eng. ..... "
W. H. Adey, Office Eng. ..... "

DIVISION ENGINEERS.

J. C. Dorsey ..... Albany, N. Y
F. P. Gutelius, Jr. ..... Oneonta, N. Y
W. J. H. Manning ..... Plattsburg, N. Y
M. J. McDonough ..... Carbondale, Pa

ASSISTANT ENGINEERS.

W. E. Anderson ..... Albany, N. Y
M. J. Nugent ..... "
E. Penrose, Jr ..... "
O. F. Rowland ..... "
H. A. Stoner ..... "

DEVOE

Specializes in Railway Enamels, Paints, Varnishes, and Japan Colors. Also manufacturers of a complete line of brushes.

Special brushes made according to specifications.

DEVOE & RAYNOLDS CO., Inc.

Executive Offices: 1 West 47th St., New York, N. Y.

Branches in Principal Cities

STANDARD

Wires and Cables

include bare and insulated electric wires and cables of all kinds and sizes for light, power, telephone and telegraph service. Details on request.

STANDARD UNDERGROUND CABLE CO.

Pittsburgh, Pa.

For Canada: Standard Underground Cable Company of Canada, Limited, Hamilton, Ont.

STANDARD UNDERGROUND CABLE CO. TRADE MARK

274—DELAWARE & HUDSON—Continued.

BRIDGE AND BUILDING MASTERS.

J. C. Brown.....Plattsburg, N. Y
J. A. Doyle.....Oneonta, N. Y
J. C. Hopson.....Albany, N. Y
T. E. O'Brien.....Carbondale, Pa

ROAD MASTERS.

J. D. Belden.....Whitehall, N. Y
J. Boyle..... Plattsburg, N. Y
E. E. Crowley.....Oneonta, N. Y
J. J. Hayes.....Albany, N. Y
J. Hevers.....Carbondale, Pa
W. H. Koch.....Oneonta, N. Y
J. J. Ryan.....Plattsburg, N. Y
G. Smith..... "
O. Supernant.....Schenectady, N. Y

SIGNAL DEPARTMENT.

A. H. Rice, Sig. Eng. .....Albany, N. Y
L. G. Conklin, Gen. Elec. Insp. "
B. H. Richards, Gen. Sig. Insp. "
A. Vallee, Supvr. Sig. Const. "

SIGNAL SUPERVISORS.

C. M. Acker.....Albany, N. Y
J. P. Dunlap.....Carbondale, Pa
G. M. Goodhart..... ...Plattsburg, N. Y
C. M. Gramp.....Oneonta, N. Y

F. C. Timmons, Elec. Supvr.....Carbondale, Pa

274a—DELAWARE & NORTHERN R. R. CO.

38 Mls, 7 Loco, Cars: 55 Frt, 14 Pass, 3 Misc

Receivers appointed. March 16, 1921.

A. M. Moreland, Recr..... } Margaret-
¶✠J. J. Welch, Recr., Supt. & } ville, N. Y.
G. F. & P. A..... "
H. Feist, Sec. & Treas..... "
H. G. Eckert, Asst. Sec. & Aud. "
W. A. Pattberg, M. M..... "

275—DELAWARE, LACKAWANNA & WESTERN R. R. CO., THE

993 Mls. 766 Loco, Cars: 29,116 Frt, 962 Pass, 874 Misc

New York address, 90 West St.

EXECUTIVE, FINANCIAL AND LEGAL.

W. H. Truesdale, Chman. of Bd. } New
J. M. Davis, Pres..... } York,
W. S. Jenney, V.-Pres. & Gen. } N. Y.
Coun..... "
✠E. M. Rine, V.-Pres. & Gen. Mgr.... "
E. B. Moffatt, Asst. to V.-Pres. & Gen. Mgr..... "
P. J. Flynn, V.-Pres..... "
W. G. VanDeWater, Sec. & Treas... "
J. G. Enderlin, Asst. Sec. & Asst. Treas..... "
J. L. Seager, Asst. Gen. Coun..... "
D. R. Reese, Gen. Atty....Scranton, Pa
D. Swift, Gen. Atty..... } New York,
H. A. Rowe, Clms. Atty..... } N. Y.
E. T. Lukens R. E. & T. Agt. Hoboken, N. J

ACCOUNTING.

G. E. Hustis, Compt..... } New York,
R. B. Ferguson, Gen. Aud. } N. Y.
R. O. Collins, Aud. Disb.... "
F. Wildey, Asst. Aud. Disb... "
J. F. Jeckel, Aud. Misc. Accts. "
J. M. Coddington, Aud. Frt. & Pass. Revenues..Scranton, Pa
P. D. Jonas, Statistician. New York, N. Y
W. H. Gaskill, Frt. Clm. Agt. Scranton, Pa
H. Foulkes, Supvr. Mail Serv.....New York, N. Y

TRAFFIC.

P. J. Flynn, V.-Pres..... } New York,
N. Duke, Gen. Frt. Traf. Mgr } N. Y.
J. J. Byrne, Frt. Traf. Mgr.. "
C. F. McTague, Asst. Frt. Traf. Mgr..... "
A. B. Wallace, G. F. A..... "
M. Williams, Asst. G. F. A.. "
W. J. Daily, Asst. G. F. A.... "
W. M. MacPherson, Asst. G. F. A.....Buffalo, N. Y
J. F. Muller, Ind. Agt..... } New York,
W. F. Griffitts, Pass. Traf.. } N. Y.
Mgr..... "
W. H. Dominick, G. P. A.... "
C. P. Barrett, Gen. West. } Chicago,
Pass. Agt..... } Ill.
H. J. Graham, Gen. West. Frt. Agt. "
J. L. Homer, Gen. East. } New York,
Pass. Agt..... } N. Y
G. E. Zippel, Gen. Bag. & } Hoboken,
Milk Traf. Agt..... } N. J.
C. A. Arentzen, Gen. East. Frt. Agt.....New York, N. Y
E. S. Giles, Coal Frt. Agt. "

OPERATING.

E. M. Rine, V.-Pres. & Gen. } New York,
Mgr..... } N. Y.
E. B. Moffatt, Asst. to V.-Pres. & Gen. Mgr..... "
H. H. Shepard, Gen. Supt..Scranton, Pa

DIVISION SUPERINTENDENTS.

F. Cizek.....Binghamton, N. Y
H. E. Griffith.....Bangor, Pa
H. J. Mullaghy.....Scranton, Pa
J. J. Pierce (Asst.).....Hoboken, N. J
A. E. Staub.....Buffalo, N. Y
R. M. White.....Hoboken, N. J

A. S. Lewis, Supt. C. S....Scranton, Pa
V. D. Thayer, Car Acct.... "
L. B. Folley, Supt. Tele, Telephone & Wireless. New York, N. Y
F. A. Stine, Supt. Dining Car Serv, & Rest.....Hoboken, N. J
J. M. Emery, Mgr. Marine Dept..... "
A. J. Miller, Supvr. Stations & Transfers....New York, N. Y
Dr. J. M. Wainwright, Ch. Surg.....Scranton, Pa

PURCHASING.

¶C. C. Hubbell, Pur. Agt. New York, N. Y
J. H. Thornton, Sta.... "
W. T. Cyphers, Tie & Tim. Agt.....Washington, N. J

STORES.

I. H. Lance, Gen. Str. Kpr..Scranton, Pa
V. E. Johnson, Trav. Str. Kpr. "

STORE KEEPERS.

C. I. Davis.....Scranton, Pa
R. A. Doherty.....East Buffalo, N. Y
J. J. Durkin.....Hoboken, N. J
C. H. Ferguson.....Scranton, Pa
S. Fischman.....Syracuse, N. Y
P. E. Hagan.....Kingston, Pa
W. E. Hazleton.....Scranton, Pa

ROCKWELL-BARNES COMPANY

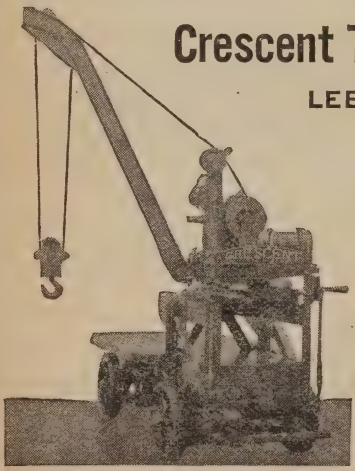
CHICAGO ST. LOUIS

PAPER OF ALL KINDS

TRAIN ORDERS
BOARD CLIPS
PAPER FASTENERS
IMPRESSION BOOKS
METAL FILE BOXES
PERFORATED MEMO PADS
FILE BACKS
VERTICAL FILE FOLDERS

BONDS AND WRITINGS
SECOND SHEETS
TYPEWRITER PAPERS
COMPOSITION BOOKS
NOTE AND BLANK BOOKS
SCHOOL SUPPLIES
TABLETS
ADDING MACHINE ROLLS

ROBARCO TRADE MARK



Crescent Truck Company

LEBANON, PA.

Manufacturing
a Complete Line of

ELECTRIC
INDUSTRIAL
TRUCKS,
TRACTORS
AND
TRAILERS.

275—DELAWARE, LACKAWANNA & WEST'N—Con.

STORE KEEPERS—CONTINUED.

F. Hoffmeister.....Utica, N. Y
T. R. Jenkins.....Stroudsburg, Pa
J. J. Jordan.....Scranton, Pa
E. L. McDonald.....Secaucus, N. J
T. G. McGraw.....Elmira, N. Y
T. F. McTighe.....Scranton, Pa
W. E. Phillips.....Hoboken, N. J
E. E. Reese.....Binghamton, N. Y
C. J. Rodgers.....Kingsland, N. J
W. Russo. .....Hoboken, N. J
M. H. Wardlow..... "
S. G. Wilgus.....Port Morris, N. J
W. J. Wright.....Scranton, Pa

MECHANICAL.

C. J. Scudder, Supt. M. P. & E.....Scranton, Pa
E. F. Daley, Asst. to Supt. M. P. & E.....Hoboken, N. J
S. S. Riegel, Mech. Eng....Scranton, Pa
H. J. Force, Chemist & Eng. Tests..... "

MASTER MECHANICS.

G. E. Dougherty.....East Buffalo, N. Y
M. R. Feeley.....Scranton, Pa
M. A. Quinn.....Binghamton, N Y
E. E. Root.....Kingsland, N. J

ROAD FOREMEN OF ENGINES.

M. A. Brophy.....Hoboken, N. J
W. J. Cole..... "
J. F. Cooper.....Scranton, Pa
J. T. Cooper.....Binghamton, N. Y
B. H. Davis.....Scranton, Pa
C. J. Deagan..... "
T. Hartnett.....Elmira, N. Y
T. Hesser (Asst).....East Buffalo, N.Y
J. M. Stone.....Scranton, Pa
L. O. Strackbein.....Hoboken, N. J
F. K. Wilson. .....Stroudsburg, Pa
P. Alquist, M. C. B.....Scranton, Pa
J. P. Brogan, Asst. M. C. B. Hoboken, N.J
E. A. Koschinske, Supt. Shops. { Scran-
J. Grieser, Asst. to Supt. Shops { ton, Pa
A. Wilson, Supvr. Fuel Serv..... "
E. H. Emery, Asst. Supvr. Fuel. Serv..... "

GENERAL FOREMEN MOT. POW. DEPT.

F. T. James.....Kingsland, N. J
A. A. Junker.....East Buffalo, N. Y
R. D. Kocher.....Scranton, Pa
J. Kron.....Hoboken, N. J
O. Sturm .....Scranton, Pa

ROUNDHOUSE FOREMEN.

E. B. Bryant.....Utica, N. Y
J. R. Burdette.....Hoboken, N. J
H. Cummings.....Binghamton, N. Y
T. Delaney.....Elmira, N. Y
W. H. Eddy.....Syracuse, N. Y
E. F. Florey.....Bangor, Pa
C. E. Force.....Port Morris, N. J
D. J. Houlihan.....Scranton, Pa
H. Johnson.....East Buffalo, N. Y
J. Kane.....Groveland, N. Y
J. P. Lewis.....Stroudsburg, Pa
J. McHale.....Kingston, Pa
G. T. Smith.....Secaucus, N. J
D. J. Lewis, Spec. M. P. Insp.. { Scran-
H. J. Smith, Gen. Car Insp.... { ton, Pa
A. Hughes, Asst. Gen. Car Insp. { Scran-
P. J. Lanean, Gen. A. B. Insp.. { ton, Pa
F. H. Gingel, A. B. Instructor... "
T. Jeffrey, Gen. Insp..... "
A. R. Manderson, Gen. Insp..... "

GENERAL FOREMEN CAR DEPT.

H. Ryan.....East Buffalo, N. Y
J. H. Schroeder.....Kingsland, N. J
H. Surplus.....Scranton, Pa

B. E. Miller, Mast. Paint. Kingsland, N. J

FOREMEN PAINTERS.

G. L. Albers.....Kingsland, N. J
W. H. Becker.....East Buffalo, N. Y
P. Coolick.....Scranton, Pa
E. T. Redeay ..... "
C. Schrieber.....Kingsland, N. J

ENGINEERING, BRIDGES & ROADWAY

G. J. Ray, Ch. Eng.....Hoboken, N. J
A. J. Neafie, Prin. Asst. Eng. "
J. Vogel, Brdg. Eng..... "
A. A. Johnson, Track Eng. "
C. W. Simpson, Valua. Eng. "
H. M. Warren, Elec. Eng. Scranton, Pa
J. J. Graf, Tel. Eng..... "
M. Hirschthal, Concrete Eng.....Hoboken, N. J
M. J. Mathews, Brdg. Insp.....Binghamton, N. Y
D. F. Mack, Arch... .....Hoboken, N. J

DIVISION ENGINEERS.

M. H. Doughty.....Hoboken, N. J
L. L. Tallyn.....Scranton, Pa
F. L. Wheaton.....Buffalo, N. Y

G. E. Lowe, Gen. Rd. Mast. Scranton, Pa

ROAD MASTERS.

L. H. Black.....Elmira, N. Y
D. Duffy.....Scranton, Pa
H. E. Jenkins.....Utica, N. Y
J. Kielty..... ....Hoboken, N. J
T. Harney.....Scranton, Pa
P. Quinlivan.....Buffalo, N. Y
J. Sexton.....Hopatcong, N. J
T. Sexton.....Stroudsburg, Pa
H. E. White.....Syracuse, N. Y

SIGNAL DEPARTMENT.

J. E. Saunders, Sig. Eng..... { Hobo-
A. Reilly, Asst. Sig. Eng..... { ken, N.J
W. B. Weatherbee, Gen. Elec. Insp..... "
W. B. Morrison, Gen. Mech. Insp. "
I. K. Johnson, Gen. Elec. Sig. Insp..... "

SIGNAL SUPERVISORS.

F. L. Ball.....Hoboken, N. J
G. E. Goeppert.....Buffalo, N. Y
T. L. Johnson .....Binghamton, N. Y
G. J. Patton.....Newark, N. J
F. E. Robbins.....Scranton, Pa

276—DELAWARE RIVER & UNION R. R. CO. 5 Mls, 2 Loco, Cars: 27 Frt

Philadelphia address, 1428 So. Penn Sq.

J. H. Pew, Pres.....Philadelphia Pa
★✠O. Duke, V.-Pres.....Marcus Hook, Pa
F. Cross, Sec. & Treas..... { Philadel-
F. S. McIlhenny, Gen. Coun. { phia, Pa.
B. C. McPherson, Traf. Mgr... "
¶W. H. Booth, Pur. Agt..... "

THE NEW YORK AIR BRAKE CO.

FURNISHES THE STANDARD

K-1 and K-2 EQUIPMENTS

FOR FREIGHT CARS

UC and LN EQUIPMENTS

FOR PASSENGER CARS

LT and ET EQUIPMENTS

FOR LOCOMOTIVES AND TENDERS

GENERAL OFFICES:

165 BROADWAY, NEW YORK, N. Y.

WORKS:

WATERTOWN, N. Y.

277—DELAWARE VALLEY RY.
14 Mls, 1 Loco, Cars: 1 Pass, 1 Misc
★J. H. Shull, Pres. & Gen. Coun.....Stroudsburg, Pa
C. C. Shull, Sec..... "
E. F. Peters, Treas.....Bushkill, Pa
¶Z. L. Mather, Aud. East Stroudsburg, Pa
✠N. N. Guilott, Gen. Supt...Bushkill, Pa

277a—DELRAY CONNECTING R.R.CO.
28 Mls, 6 Loco, Cars: 279 Frt
P. K. Malin, Pres.....New York, N. Y
G. M. Wells, V.-Pres.....Syracuse, N. Y
V. D. Crisp, Sec.....New York, N. Y
J. H. Hahn, Asst. Sec.....Syracuse, N. Y
W. P. Herbert, Treas.... Detroit, Mich
O. C. Burrell, Aud.....Syracuse, N. Y
W. L. Sinnett, Asst. Aud. Detroit, Mich
¶★✠G. J. Mobley, Supt.... "

277b—DELRAY TERMINAL R. R.
1 Ml
P. J. Savage, Gen. Supt.....{2,000 2d Ave., Detroit, Mich

277c—DENISON & PACIFIC SUBURBAN RY. CO., THE
7 Mls. Equipment owned, none.
For officials see Tex. & Pac. R. R., No. 964.

277d—DENISON, BONHAM & NEW ORLEANS R. R. CO.
24 Mls, 1 Loco, Cars: 1 Pass
¶★✠D. M. Penn, Pres. & Gen. Mgr.....Bonham, Tex
C. T. Aspelmier, V.-Pres. & Traf. Mgr..... "
R. E. Risser, V.-Pres..... "
H. M. Braswell, Sec. & Aud. "

278—DENVER & INTERMOUNTAIN R. R. CO., THE (Electric).
39 Mls, 4.8½G, 17 Mls, 3.6 G, {7 Loco, Cars: 163 Frt, 5 Pass, 21 Misc
C. K. Boettcher, Ch. of Board {Denver, Col.
✪E. Stenger, Pres..... {Denver, Col.
S. M. Perry, V.-Pres..... "
H. S. Robertson, V.-Pres. & Gen. Mgr..... "
W. A. Doty, Sec. & Aud..... "
A. W. Blair, Asst. Sec..... "
H. J. Alexander, Treas..... "
F. George, Asst. Treas..... "
H. F. Wood, Traf. Mgr..... "
J. L. Adams, Supt. Trans..... "
¶W. G. Simonds, Pur. Agt..... "
H. Detrick, M. M..... "
W. G. Matthews, Supt. Way & Struct..... "
N. R. Love, Ch. Eng..... "

278a—DENVER & INTERURBAN R. R. CO. (Electric).
46 Mls, Cars: 13 Pass (including 8 Motors) 8 Misc
R. Rice, Pres.....Denver, Col
B. F. James, Sec. & Treas.. "
J. H. Bradbury, Gen. Aud.. "
H. A. Johnson, Traf. Mgr.. "
★✠✪W. H. Edmunds, Gen. Mgr..... "
¶W. C. Weldon, Pur. Agt.... "

279—DENVER & RIO GRANDE WESTERN R. R. CO., THE
2,577 Mls, 3 & 4.8½ G, 513 Loco, Cars: 15,410 Frt, 373 Pass, 822 Misc
Denver address, Equitable Building.
New York address, 32 Nassau St.

EXECUTIVE, FINANCIAL AND LEGAL.
A. W. Krech, Ch. of Bd., New York, N. Y
W. H. Williams, Ch. Exec. Com..... "
✪J. S. Pyeatt, Pres.....Denver, Col
F. A. Peil, Asst. to Pres..... "
R. F. Watkins, Sec. & Treas. "
T. H. Marshall, Asst. Treas. "
H. McAllister, Gen. Coun... "
J. A. Gallaher, Comrce. & Valua. Coun..... "
E. N. Clark, Gen. Atty..... "
A. Darling, Claim Agt..... "
J. Correy, Tax Agt..... "
J. H. Miller, Frt. Clm. Agt.. "

ACCOUNTING.
E. R. Dickenson, Gen. Aud. Denver, Col
J. F. Morris, Asst. Gen. Aud. "
D. A. Barton, Aud. Frt. Rec. "
J. F. Howe, Aud. Pass. Rec. "
J. B. Gorton, Car Acct..... "

TRAFFIC.
G. Williams, Frt. Traf. Mgr. Denver, Col
B. H. Taylor, Asst. Frt. Traf. Mgr..... "
B. W. Robbins, G. F. A..... "
P. B. McAtee, Asst. G. F. & P. A.....Durango, Col
W. M. Carey, Asst. G. F. A. Denver, Col
H. J. Earley, Asst. G. F. A... "
F. A. Wadleigh, Pass. Traf. Mgr..... "
W. H. Cundey, G. P. A..... "
A. J. Cronin, Asst. G. F. & P. A.....Salt Lake City, Utah
C. W. Wiegel, Supvr. Mail, Bag. & Exp.....Denver, Col

OPERATING.
I. H. Luke, Gen. Mgr.....Denver, Col
A. C. Shields, Asst. Gen. Mgr. "
G. E. Johnson, Asst. to Gen. Mgr..... "

GENERAL SUPERINTENDENTS.
J. T. Nedwideck.....Pueblo, Col
J. D. Stack.....Salt Lake City, Utah

SUPERINTENDENTS.
L. W. Bowen.....Alamosa, Col
C. B. Carpenter.....Salida, Col
E. W. Deuel (Asst.).....Alamosa, Col
W. N. Neff.....Pueblo, Cal
S. L. Racey.....Salt Lake City, Utah
D. E. Wilcox (Asst.). {Soldier Summit, Utah
H. Wilson.....Grand Jct., Col

L. F. Wilson, Gen. Supt. Trans. {Denver,
R. K. Bradford, Asst. Supt. Trans..... {Col
J. W. Brunton, Supt. Tel..... "
H. W. McAbee, Supt. Dln. Car & Hotel Dents..... {Burnham, Denver, Col
W. J. Tapp, Fuel Supvr....Denver, Col

ALLAN METALLIC PACKING

FOR

Piston Rods and Valve Stems

Superheated Service
made of
ALLAN RED METAL

The Genuine
50% Lead 50% Copper Alloy

A. ALLAN & SON

HARRISON - - - - NEW JERSEY

REPUBLIC IRON & STEEL COMPANY

GENERAL OFFICES: REPUBLIC BUILDING

YOUNGSTOWN, OHIO

Manufacturers of

Bessemer and Open Hearth Steel
Wrought Steel Pipe Turnbuckles
Nuts, Washers, Carriage and Machine Bolts
Track Bolts Coach Screws Track Spikes
Frog Filler Special Sections Splices

SALES OFFICES

Chicago New York Cleveland Birmingham
Pittsburgh St. Louis Dallas Cincinnati
Philadelphia Detroit Buffalo Boston San Francisco

279—DENVER & RIO GRANDE WEST'N—Contin'd

F. W. Curtis, Supvr. Safety & Fire Prev.....Denver, Col
Dr. J. F. Roe, Chief Surg... "
R.F.Ray, Gen.Supvr. Wages & Work. Agree..... "

PURCHASING.

¶ W. B. Hall, Pur. Agt.....Denver, Col
W. E. Lefaivre, Gen. Str. } Burnham, Kpr..... } Denver, Col

STORE KEEPERS.

A. D. Bradford.....Salida, Col
R. S. Cravens.....Alamosa, Col
J. S. Gabriel.....Salt Lake City, Utah
T. A. Hayward.....Pueblo, Col
E. D. Meissonnier.....Grand Jct., Col
S. Wright.....Soldier Summit, Utah

MECHANICAL.

W. J. O'Neill, Gen. Mech. Supt.....Denver, Col
P. C. Withrow, Mech. Eng. "

MASTER MECHANICS.

D. G. Cunningham. Salt Lake City, Utah
J. W. Finch.....Burnham, Denver, Col
E. G. Haskins.....Salida, Col
G. J. McElroy.....Grand Jct., Col
H. C. Stevens.....Alamosa, Col

ROAD FOREMEN OF EQUIPMENT.

A. Baxter.....Soldier Summit, Utah
J. A. La Munyon.....Grand Jct., Col
G. M. Lillis..... Salida, Col
D. C. McCarthy.....Pueblo, Col
V. R. McGinnis..... "
M. J. McGurl.....Salt Lake City, Utah
G. M. Satterstrum.....Alamosa, Col
B. F. Fry, Car For.....Denver, Col
C. H. Rawlings. Gen. Air Brk. Instr..... "
C. H. Wilcken, Asst. Gen. Air Brk. Instr..... } Salt Lake City, Utah
C. Zietz, Gen. Boiler For...Denver, Col
J. B. Drinkard, For. Paint. "

ENGINEERING, BRIDGES & ROADWAY

A. O. Ridgway, Ch. Eng...Denver, Col
O. K. Peck, Eng. Bridges.. "
J. R. Akin, R. W. Eng..... "
W. A. Balcom, Off. Eng.... "

DIVISION ENGINEERS.

H. C. Cosand.....Salt Lake City, Utah
G. Darby.....Salida, Col
C. D. Johnson.....Alamosa, Col
K. L. Moriarity.....Grand Jct., Col
F. R. Puder.....Pueblo, Col

MASTER CARPENTERS.

J. E. Crosley.....Salida, Col
A. J. McKenzie....Salt Lake City, Utah
R. Ogle.....Pueblo, Col
J. E. Long.....Grand Jct., Col
H. Taylor.....Alamosa, Col

ROAD MASTERS.

F. G. Chambers.....Salida, Col
T. J. Cherpeski..... "
D. E. Crowley.....Thistle, Utah
Thos. Egan.....Walsenburg, Col
T. Egan.....Antonito, Col
O. M. Flatberg.....Alamosa, Col
J. Grattan.....Gunnison, Col
E. C. Hightower...Salt Lake City, Utah
T. P. Hunt.....Durango, Col

ROAD MASTERS—CONTINUED.

C. Johnson.....Pueblo, Col
J. Kennedy.....Colorado Springs, Col
J. C. McMahon.....Thistle, Utah
D. Quinn.....Grand Jct., Col
J. A. Rask.....Soldier Summit, Utah
E. Robichaud.....Glenwood, Col
H. C. Webb.....Grand Jct., Col

280—DENVER & SALT LAKE R.R. CO., THE

255 Mls, 58 Loco, Cars: 978 Frt, 23 Pass, 147 Misc
Receivers appointed, Aug. 17, 1917.
Denver address, Ideal Bldg.

✪ W. R. Freeman, Recr. & Mgr. } Denver,
C. Boettcher, Recr..... } Col.
S. S. Meyer, Asst. to Recr. & Aud. "
A. F. Dodd, Treas..... "
M. Smith, Gen. Solr..... "
J. M. Moore, Asst. Aud..... "
F. J. Toner, G. F. & P. A..... "
J. W. Spahr, Gen. Supt..... "
A. L. Johnson, Asst. to Gen. Supt. "
S. J. Wirz, Supt. Tel..... "
T. Jackson, Supt. Car Serv..... "
¶ A. Knodt, Pur. Agt..... "
W. B. Kirkling, Str. } Utah Jct., Col
Kpr..... } P. O. Denver
§ C. Peterson, M. M..... Denver, Col
G. F. Callahan, Gen. For } Utah Jct., Col
} P. O. Denver
J. A. Reynolds, Gen. For. Tabernash, Col
A. F. Aley, Gen. For...Phippsburg, Col
R. D. Stewart, Ch. Eng.....Denver, Col
W. G. Timney, M. W. Eng... "
J. J. Pramuk, Act. Supvr. B. & B..... "

DIVISION ROAD MASTERS.

E. H. Abbett.....Tolland, Col
O. W. Gabrielson.....Tabernash, Col
A. F. Kane.....Phippsburg, Col
J. J. Nelligan.....Tolland, Col

281—DEPUE & NORTHERN R. R.

Operation discontinued, 1925.

282—DE QUEEN & EASTERN R. R. CO.

36 Mls, 3 Loco, Cars: 21 Frt, 2 Pass, 7 Misc
Kansas City address, 700 Gates Bldg.

Herman Dierks, Ch. Board.. } Kansas
Hans Dierks, Pres..... } City, Mo
J. S. Kirkpatrick, V.-Pres. & Gen. Coun..... "
W. C. Stone, V.-Pres..... "
H. L. Dierks, Sec..... "
¶ Herbert Dierks, Treas. & Pur. Agt.....De Queen, Ark
G. C. Lefler, Aud..... "
✪ F. H. Dierks, Gen. Mgr. Kansas City, Mo
★ C. C. Ray, Asst. Gen. Mgr. & Traf. Mgr.....De Queen, Ark
W. T. Lyon, Car Acct..... "
J. C. Leeper, Ch. Eng..... "

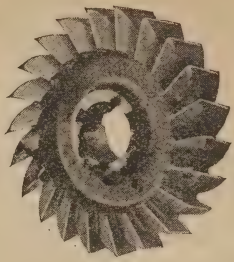
283—DES MOINES & CENTRAL IOWA R. R. (Electric).

75 Mls, 7 Loco, Cars: 178 Frt, 11 Pass, 36 Misc

F. C. Chambers, Pres....Des Moines, Ia
✪ H. A. Benjamin, V.-Pres. & Gen. Mgr..... "
O. H. Bernd, Sec. & Gen. Aud..... "
E. B. Bieghler, Treas. & Aud. "

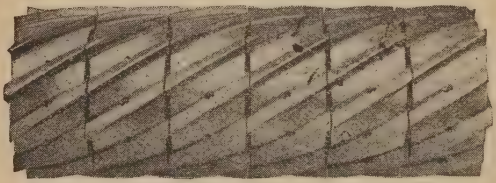
Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York - Chicago

MADE IN
GD & GD
DETROIT, MICH. U.S.A.
TRADE MARK, REG. U. S. PAT. OFF.



MADE IN
GD & GD
DETROIT, MICH. U.S.A.
TRADE MARK, REG. U. S. PAT. OFF.

"Tools that Go and Go"



No. 203

"Go and Go" Main and Side Rod Production Slab Cutter

GODDARD AND GODDARD COMPANY
DETROIT
Milling Cutter Engineers

283—DES MOINES & CENTRAL IOWA—Cont'd.

H. E. Bates, Asst. G. F. A. Des Moines, Ia
C. T. Baker, Gen. Supt... "
¶G. R. Brown, Pur. Agt... "
C. R. McMahon, M. M..... "
W. L. Wilson, Ch. Eng.... "

284—DES MOINES UNION RY. CO.

28 Mls, 9 Loco, Cars: 22 Frt

J. E. Taussig, Pres... { Ry. Exch. Bldg., St. Louis, Mo.
J. T. Gillick, V.-Pres..... { Union Sta., Chicago, Ill
C. H. Hueston, Treas.....Des Moines, Ia
T. S. Ford, Sec. & Aud.... "
¶✪J. A. Wagner, Gen. Mgr. "
§ R. H. Kautzsky, M. M.... "
A. L. Morgan, Ch. Eng... "
A. Johnson, Rd. Mast.... "

285—DES MOINES WESTERN RY.

1 Mi. Equipment owned—none.

F. C. Hubbell, Pres.....Des Moines, Ia
O. P. Thompson, V.-Pres. "
H. D. Thompson Sec. & Treas..... "
B. F. Flenniken, Aud.... "

286—DETROIT & MACKINAC RY. CO.

355 Mls, 30 Loco, Cars: 1,123 Frt, 38 Pass, 44 Misc

H. K. McHarg, Pres.. { 40 Wall St., New York, N. Y
J. McNeil, Sec. & Treas
✪H. K. McHarg, Jr., V.-Pres. & Gen. Mgr..... { East Tawas, Mich.
C. E. Glass, V.-Pres. & Aud... "
J. McCray, Asst. to V.-Pres. & Gen. Mgr..... "
¶P. Richardson, Asst. Sec., Asst. Treas. & Pur. Agt..... "
A. S. Matteson, G. F. & P. A... "
C. A. Pinkerton, Supt. Trans. "
E. Miller, For. Paint..... "
L. O. Pettyes, Ch. Eng..... "

ROAD MASTERS.

L. DeFrain.....East Tawas, Mich
C. Matuzak (Asst.)....Harrisville, Mich
E. Pepple.....Au Sable, Mich
J. Stepanski.....Posen, Mich

286a—DETROIT & TOLEDO SHORE LINE R. R. CO., THE

51 Mls, 31 Loco, Cars: 400 Frt, 50 Misc

W. L. Ross, Pres.....Toledo, O
H. E. Whittenberger, V.-Pres.....Detroit, Mich
W. C. Tomkins, Sec. & Treas. "
B. Thomas, Aud.....Toledo, O
¶✪J. P. Main, Gen. Mgr....Detroit, Mich
F. S. Ross, G. F. A..... "
J. R. Mann, Supt. Trans.. "
§ J. F. Hazel, Supt. M. P. & Equip..Toledo, O
O. H. Sessions, Eng. M. W. Monroe, Mich

286b—DETROIT, BAY CITY & WESTERN R. R. CO.

See D., G. & S. Ry. Co., No. 286c.

286c—DETROIT, CARO & SANDUSKY RY. CO.

50 Mls, 7 Loco, Cars: 110 Frt, 8 Pass, 5 Misc

A. L. Mills, Pres. & Treas...Chicago, Ill
J. R. Gray, V.-Pres. & Sec.. "
M. R. Smith, Aud.....Caro, Mich
¶★✠F. D. Gouldburg, Gen. Mgr. "
J. W. MacLachlan, G. F. A... "

286d—DETROIT, JACKSON & CHICAGO RY. (Electric).

112 Mls, Cars: 18 Frt, 40 Pass

DETROIT, MONROE & TOLEDO SHORT LINE RY. (Electric).

85 Mls, Cars: 36 Frt, 38 Pass, 4 Mot

For officials see Rapid R. R., No. 804.

286f—DETROIT TERMINAL R. R. CO.

18 Mls, 35 Loco, Cars: 11 Misc

E. D. Bronner, Pres.....Detroit, Mich
C. G. Bowker, V.-Pres..... "
E. A. Wigren, Sec..... "
W. C. Tomkins, Treas.... "
E. B. Kennedy, Aud..... "
W. D. Trump, Gen. Mgr.. "
D. G. Cohan, Supt..... "
P. A. Maddock, Car Acct.. "
G. R. Lovejoy, M. M. .... "
W. C. Smith, Ch. Eng.... "

287—DETROIT, TOLEDO & IRONTON R. R. CO.

489 Mls, 82 Loco, Cars: 2,950 Frt, 17 Pass, 133 Misc

Henry Ford, Pres ..... { Dearborn, Mich.
E. G. Leibold, V.-Pres..... { Mich.
¶★✠✪F. L. Rockelman, V.-Pres. & Gen. Mgr..... "
G. R. Brubaker, Sec. & Treas.. "

288—DEVILS LAKE & NORTHERN R.R

Operated by Great Northern R.R., No. 382

288a—DEXTER & NORTHERN R. R.

2 Mls, 1 Loco, Cars: 8 Frt, 1 Pass, 4 Misc

¶★✠✪C. W. Campbell, Pres. & Gen. Mgr... .....Dexter, N.Y
J. E. Campbell, V.-Pres. & Treas. "

288b—DIAMOND & CALDOR RY.

34 Mls, 3 G, 8 Loco, Cars: 96 Frt, 1 Pass, 3 Misc

Oakland address, 15th & Wood Sts.
San Francisco address, 45 Main St.

¶W. Y. Kellogg, Pres.....Oakland, Cal
C. W. Doe, V.-Pres. & Treas.....San Francisco, Cal
F. A. Merguire, Sec. & Traf. Mgr.....Oakland, Cal
V. A. Boell, Aud..... "
✠W. I. Wilson, Gen. Mgr... "
A. Hassler, M. M....Diamond Sp'gs., Cal

289—DOMINION ATLANTIC RY. CO.

305 Mls, 12 Loco, Cars: 188 Frt, 34 Pass, 49 Misc

Grant Hall, Pres.....Montreal, Que
I. G. Ogden, V.-Pres..... "
H. C. Oswald, Sec..... "
A. E. H. Chesley, Gen. Acct. { Kentville, N. S.
F. Molsom, Clms. Agt..... { N. S.
F. G. J. Comeau, G. F. & P. A. Halifax, N.S
¶✪G. E. Graham, Gen. Mgr. Kentville, N.S
A. H. Morash, Car Acct.. "
★L. Ells, Supt..... "
✠M. K. McQuarrie, Eng.... "
J. A. Hebert, Rd. Mast.. "
E. H. Bishop, Rd. Mast... "

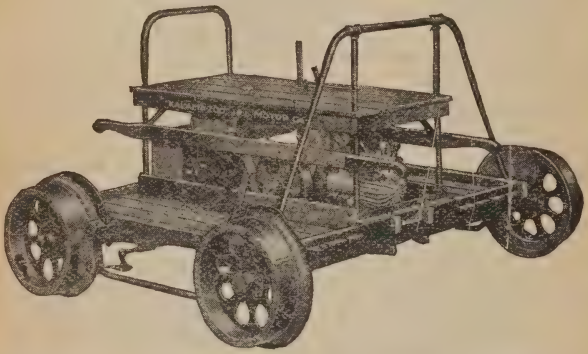
290—DONIPHAN, KENSETT & SEARCY RY.

6 Mls, 2 Loco, Cars: 1 Frt, 2 Pass

✪C. J. Carter, Pres.....Kansas City, Mo
¶★✠§J. S. Sanford, V.-Pres., Searcy, Treas. & Gen. Mgr..... { Ark.
W. E. Word, Sec..... "
G. W. Musick, Aud..... "

KALAMAZOO
No. 16-L MOTOR CAR.

For Supervisors, Roadmasters, Signalmen and Linemen.



Free Running Motor **Magneto Ignition**

Brake On Two Drive Wheels

Step Starter **Special Skids**

Weight 350 Pounds

Ask us for cuts and description of other models.

MANUFACTURED BY

KALAMAZOO RAILWAY SUPPLY CO.

KALAMAZOO, MICHIGAN.

291—DONORA SOUTHERN R. R.
42 Mls, 18 Loco, Cars: 283 Frt
Pittsburgh address, Frick Bldg.
L. J. Gray, Pres.....Pittsburgh, Pa
C. L. Cordes, V.-Pres. & G. F. A..... "
★✠R. P. Keenoy, V.-Pres. & Gen. Supt.....Donora, Pa
I. Gribben, Sec. & Asst. Treas.....Pittsburgh, Pa
S. L. Neely, Treas. & Asst. Sec..... "
A. H. Garry, Aud.....Cleveland, O
¶G. C. Noteman, Pur. Agt.. "

292—DOVER & SOUTH BOUND R. R. CO.
25 Mls, 5 Loco, Cars: 5 Frt, 2 Pass, 100 Misc
Washington address, foot of 12th St. S.W.
W. A. Winsatt, Pres..Washington, D.C
¶★D. W. Richardson, V.-Pres. & Gen. Mgr..... } Dover, N. C.
W. B. H. Blandford, Sec. & Treas. "
N.S. Richardson, Traf. Mgr..... "
✠B. H. Thomason, Supt. ..... "

293—DUE WEST RY.
5 Mls, 2 Loco, Cars: 1 Frt, 2 Pass
¶★✠R. S. Gallaway, Pres., Treas. & Gen. Mgr.....Due West, S. C

294—DULUTH & IRON RANGE R. R. CO., THE
277 Mls, 110 Loco, Cars: 6919 Frt, 27 Pass, 172 Misc
✪H. Johnson, Act. Pres., V.-Pres., Aud. & G. F. & P. A.. } Duluth, Minn.
C. E. Wachtel, Sec. & Treas... "
F. M. Waterman, Asst. Sec. & Asst. Treas..... } New York, N. Y.
F. D. Adams, Gen. Solr..... } Duluth, Minn
E. F. Blu, Asst. Gen. Solr..... } Minn
G. J. Barrett, Gen. Clm. Agt... "
C. S. Haig, Asst. G. F. & P. A.. "
J. A. Roth, Car Acct..... "
T. Owens, Supt..... } Two Harbors, Minn.
M. H. Brickley, Supt. Const. & Maint., Tele. & Telo. Lines..... "
A. V. Rohweder, Supvr. Safety.....Duluth, Minn
¶R. P. Moore, Pur. Agt ..... "
J. E. Chandler, Gen. Str. Kpr..... } Two Harbors, Minn,
B. R. Moore, Supt. M. P. & Cars..... "
J. R. Shea, Trav. Eng..... "
R. E. Jones, Gen Mech. Insp. "

GENERAL FOREMEN.

T. E. Freeman (Loco. Dept.)..... } Two Harbors, Minn.
A. Headley (Car Dept.).. "
W. A. Clark, Ch. Eng.....Duluth, Minn
L. Clapper, Eng. B. & B. } Two Harbors, Minn.
W. H. Woodbury, Valua. Eng.....Duluth, Minn
J. Shea, Rd. Mast....Two Harbors, Minn

295—DULUTH & NORTHEAST'N R.R. CO. 62 Mls, 8 Loco, Cars: 311 Frt, 2 Pass, 4 Misc
R. M. Weyerhaeuser, Pres. Cloquet, Minn
J. P. Weyerhaeuser V.-Pres St. Paul, Minn
H. Schlenk, Sec..... } Cloquet, Minn.
★✪H. C. Hornby, Treas. & Gen. Mgr..... "
H. Oldenberg, Gen. Coun. .... "
H. G. Stevens, Aud. & Traf. Mgr. "
W. O'Neil, Supt..... "
H. O. Smith, Car Acct..... "
¶A. Cox, Gen. Pur. Agt..... "
W. Beaton, Rd. Mast..... "

296—

297—DULUTH, MISSABE & NORTHERN RY. CO.
307 Mls, 114 Loco, Cars: 9,192 Frt, 39 Pass, 151 Misc
✪W. A. McGonagle, Pres...Duluth, Minn
C. E. Carlson, 1 V.-Pres... "
J. Seifert, Sec. & Aud..... "
J. M. Sias, Asst. Sec....New York, N. Y
J. W. Kempton, Treas.....Duluth, Minn
F. M. Waterman, Asst. Treas.....New York, N. Y
G. A. Flinn, R. of W. & Tax Agt.....Duluth, Minn
F. D. Adams, Gen. Solr.... "
G. J. Barrett, Gen. Clm. Agt. "
G. C. Ross, Traf. Mgr..... "
J. W. Kreitter, Supt..... } Proctor, St. Louis Co., Minn.
C. B. Gilbert, Asst. Supt. }
A. V. Rohweder, Supvr. Safety.....Duluth, Minn
A. J. Wielde, Car Acct.... "
¶H. Greenfield, Pur. Agt... "
C. W. Seddon, Supt. M. P. } Proctor, St. Louis Co., Minn.
W. J. Greene, M. M..... }
P. M. Sullivan, Trav. Eng. }
W. A. Clark, Gen. Car For... "
A. M. Frazee, Elec. Eng..Duluth, Minn
F. Samways, For. Paint..... } Proctor, St. Louis Co., Minn
W. H. Hoyt, Ch. Eng.....Duluth, Minn
F. C. Baluss, Eng. B. & B.. "
W. H. Woodbury, Valua. Eng. "
T. Brannan, Rd. Mast..... } Proctor, St. Louis Co., Minn

298—DULUTH, SOUTH SHORE & ATLANTIC RY. CO.
591 Mls, 76 Loco, Cars: 2,807 Frt, 63 Pass, 170 Misc

EXECUTIVE, FINANCIAL & LEGAL.

C. T. Jaffray, Pres..... } Minneapolis, Minn.
G. W. Webster, Asst. to Pres..... "
A. E. Wallace, V.-Pres.... "
T. W. Flannagan, Asst. to V.-Pres..... "
W. R. Harley, Sec..... "
A. E. Miller, Gen. Solr..... } Marquette, Mich.
W. J. Ellison, Treas..... }
A. E. Delf, Compt..... "
F. W. Kemp, Aud..... "
W. H. Schutt, R. E. Agt..... Minneapolis, Minn

TRAFFIC.

S. R. Lewis, Traf. Mgr.... Duluth, Minn
R. O. Hambly, G. F. A.... "
J. Maney, G. P. A..... "
J. Robertson, Asst. G. F. & P. A.....Detroit, Mich

HIPOWER SPRING WASHERS

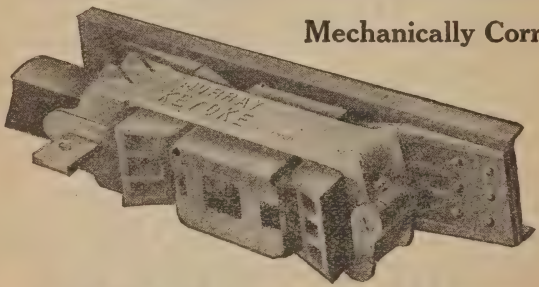
CAR WINDOW EQUIPMENT

THE NATIONAL LOCK WASHER COMPANY

NEWARK, N. J.
U. S. A.

Murray Cast Steel Friction Draft Gear and Cast Steel KeYoke

Mechanically Correct



KEYOKE RAILWAY EQUIPMENT Co.

ONADNOCK BLOCK CHICAGO

298—DULUTH, SO. SHORE & ATLANTIC—Cont'd.

OPERATING.

A. E. Wallace, V. Pres. Minneapolis, Minn
T. W. Flannagan, Asst. to V.-Pres... "
C. E. Lytle, Gen. Mgr.. Marquette, Mich
L. P. Green, Supt. Safety. } Minneapolis,
C. F. Sundell, Supt. Sl. & Din. Cars..... } Minn.

PURCHASING.

¶E. T. Stone, Pur. Agt. Minneapolis, Minn
G. W. Leigh, Gen. Str. Kpr..... "
C. F. Bucklin, Str. Kpr.. Marquette, Mich

MECHANICAL.

T. A. Foque, Gen. Mech. Supt..... } Minneapolis.
M. J. Dunnebacke, M. M.. Marquette, Mich
H. Bitters, M. C. B..... "
W. G. King, For. Paint. "

ENGINEERING, BRIDGES & ROADWAY

E. A. Whitman, Ch. Eng..... Minneapolis, Minn
N. Cadarette, Div. Eng.. Marquette, Mich
F. Hawkin, Gen. For. B. & B..... "
J. B. Kelly, Gen. Rd. Mast..... Minneapolis, Minn
H. P. Stafford, Asst. Gen. Rd. Mast..... Marquette, Mich

ROAD MASTERS.

E. Froling..... Ewen, Mich
E. Johnson..... Marquette, Mich
A. Nelson..... "

——†DULUTH, WINNIPEG & PACIFIC RY.—DULUTH, RAINY LAKE & WINNIPEG RY.

See Canadian National Ry., No. 137f.

299—300—301—

302—DURHAM & SOUTHERN RY. CO.

59 Mls, 6 Loco, Cars: 54 Frt, 13 Pass, 3 Misc

B. N. Duke, Pres..... Durham, N. C
A. J. D. Biddle, Jr., V.-Pres. New York, N. Y
¶✪E. Thomason, V.-Pres. & Gen. Mgr..... Charlotte, N. C
F. E. Lagerholm, Asst. to V.-Pres..... "
W. T. Gill, Asst. to Gen. Mgr. "
W. C. Parker, Sec. & Treas. Durham, N. C
J. Fuller, Asst. Sec..... "
E. B. Hardin, Gen. Aud.. Charlotte, N. C
J. M. Martin, Aud..... Durham, N. C
J. S. Cureton, Traf. Mgr. Greenville, S. C
D. Lumpkin, G. F. & P. A. Durham, N. C
T. B. Smith, Supt..... "
A. H. Wilbon, M. M..... Dunn, N. C
D. S. Guess, Div. Eng..... Apex, N. C

303—EAGLES MERE RY. CO.

10 Mls, 3 G. Equipment owned—none.

H. E. Kirk, Pres..... Eagles Mere, Pa
W. Woods, V.-Pres..... "
¶✪H. V. Yeager, Sec., Treas. & Gen. Mgr.... Hughesville, Pa

303a—EAST & WEST COAST RY.

See S. A. L. R. R., No. 886.

303b—EAST BERLIN R. R. CO.

8 Mls, 2 Loco, Cars: 10 Frt, 2 Pass

¶✠U. L. Glatfelter, Pres. & Gen. Mgr..... East Berlin, Pa
W. P. Baker, Sec..... Abbottstown, Pa
N. W. Sell, Treas..... East Berlin, Pa
D. E. Brant, Aud..... "
J. M. Danner, Car Acct. "
J. W. Grim, M. M..... Abbottstown, Pa

304—EAST BROAD TOP R. R. & C. CO.

70 Mls, 3 & 4.8½ G, 12 Loco, Cars: 386 Frt, 20 Pass 16 Misc

Philadelphia address, 260 So. Broad St.
New York address, 143 Liberty St.

P. C. Madeira, Pres... Philadelphia, Pa
¶✪C. D. Jones, V.-Pres. "
R. C. Hill, V.-Pres..... New York, N. Y
J. Gilbert, Sec. & Asst. Treas..... Philadelphia, Pa
J. W. Powell, Treas... "
H. H. Morris, Asst. Sec. & Asst. Treas..... "
J. D. Dorris, Gen. Coun. Huntingdon, Pa
C. C. Hahn, Aud..... Philadelphia, Pa
F. M. Butler, Supt..... Orbisonia, Pa
L. K. Chilcote, Asst. Supt... Mt. Union, Pa
W. M. Chilcoat, Gen. Shop For..... Orbisonia, Pa
N. P. Bernhardt, Ch. Eng. "
J. N. Stevens, For. B. & B.. "
J. G. Murphy, Rd. Mast... "

305—EAST CAROLINA RY.

39 Mls, 5 Loco, Cars; 19 Frt, 3 Pass, 4 Misc, 3 Mot

✪H. C. Bridgers, Pres. & Treas..... Tarboro, N. C
A. D. Fowlkes, Aud..... "
G. R. Rogers, Car Acct.... "
✠J. T. Hagans, Gen. Supt.. "
¶B. F. Finney, Pur. Agt.... "
G. G. Watson, M. M..... "

305a—EAST ERIE COMMERCIAL R. R.

9 Mls, 4 Loco, Cars: 20 Frt, 14 Misc

W. S. Carroll, Pres. & Treas..... } 915 State St. Erie, Pa.
D. Weaver, Sec..... "
✠A. E. Gillespie, Gen. Supt. & Asst. Treas..... } Lawrence P'kway, Erie, Pa.
G. W. Dean, Car Acct..... }
¶N. S. White, Pur. Agt. & Gen. For..... "

305b—EAST JERSEY R. R. & TERM. CO.

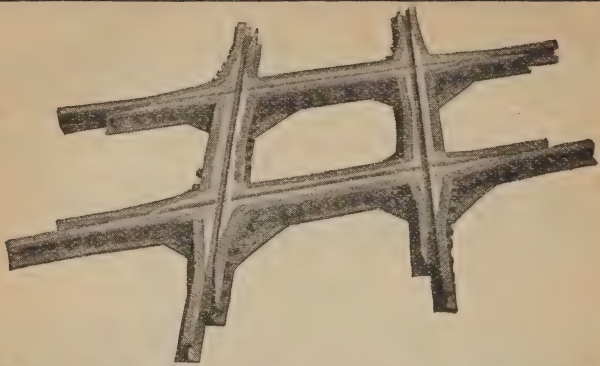
2 Mls, 5 Loco, Cars: 656 Frt

New York address, 11 Broadway.

R. H. Jones, Pres..... New York, N. Y
W. J. Burker, Sec..... "
C. F. Watson, Asst. to Pres..... "
F. A. Marcellus, Treas.. "
R. P. Quackenbush, Compt. "
R. M. Kress, G. F. A..... "
¶★✠D. Thompson, Supt.. Bayonne, N. J
H. C. Ruding, Supt. Float Equip..... New York, N. Y

306—EAST JORDAN & SOUTHERN R. R CO. 58 Mls, 4 Loco, Cars: 209 Frt, 2 Pass

✪W. P. Porter, Pres. & Gen. Mgr..... } East Jordan, Mich.
E. A. English, V.-Pres..... "



Rail-bound Manganese Frogs & Crossings

CLEVELAND FROG & CROSSING CO.

CLEVELAND, O.

BROWNHOIST PRODUCTS

Consist of fast plant unloaders, gantry cranes, drag-line excavators, locomotive cranes, overhead traveling cranes, jib cranes, pillar cranes, bridge cranes, transfer cars, larries, electric hoists, tramrail systems, crabs, winches, grab buckets, drag-line buckets, tubs, coal and ore dumping machines, storage bins, transfer tables, and Ferroinclave, a combined reinforcement and centering for concrete roofs, bins, floors, etc.

Catalogs will be furnished upon request

THE BROWN HOISTING MACHINERY CO.

CLEVELAND, OHIO

NEW YORK PITTSBURGH CHICAGO SAN FRANCISCO NEW ORLEANS

306—EAST JORDAN & SOUTHERN – Cont'd.
A. H. Frost, Sec. & Treas. } East Jordan
F. E. Brotherton, Aud.... } Mich.
W. H. Sloan, Traf. Mgr ... "
¶H.P.Porter,Pur.Agt,&Supt. "
F. Cook, M. M..... "
R. H. Davis, Rd. Mast..... "

306e—EASTLAND, WICHITA FALLS & GULF R. R. CO.
28 Mls, 4 Loco, Cars: 3 Pass
New York address, 8 W. 40th St.
J. T. King, Pres. .....New York, N. Y
¶★✠C. J. Rhodes, Supt.,
Aud. & G. F. & P. A.....Eastland, Tex

306a—EAST ST. LOUIS & SUBURBAN RY. CO. (Electric).
14 Mls, 2 Loco, Cars: 300 Frt
E. St. Louis address, 7 Collensville Ave
W. H. Sawyer, Pres....East St. Louis, Ill
G. W. Welsh, V.-Pres... "
T. W. Gregory, V.-Pres.
& Asst. Sec..... "
F.H Piske, Sec.& Treas..New York, N.Y
F. L. Rearden, Asst. Treas... } East St.
T. C. Neilson, Claim Agt..... } Louis, Ill
W. C. Myers, Gen. Supt..... "
F. O. Whiteman, Supt. Frt.
Dept..... "
¶R. G. Goss. Pur. Agt..... "
G. E. Sykes, Eng. Power Dept.. "
L. W. Jacques, M. M..... "
S. C. Baker, Eng. M. W..... "

306b—EAST ST. LOUIS, COLUMBIA & WATERLOO RY. (Electric).
22 Mls, 2 Motors, Cars: 3 Frt, 5 Pass, 1 Misc
E. St. Louis address, 19th & Baker Sts.
C. A. Lemp, Pres.....East St. Louis, Ill
E. W. Foristel, V.-Pres.. "
F. W. Kaelble, Sec..... "
W. J. Lemp, Jr., Treas. } Pierce Bldg., St. Louis, Mo.
E. L. Bodge, Traf. } 12th & Lucas Ave.
Mgr..... } St. Louis, Mo.
✠C. E. Finch, Gen. Mgr.. ..... } East St.,
E. W. Conrades, Supt. C. S.. } Louis, Ill
¶R. W. Metzger, Pur. Agt..... "
W. J. Harper, M. M..... "

306c—EAST ST. LOUIS CONNECTING RY.
ST. LOUIS TRANSFER RY.
See Terminal R. R. Association of St. Louis, No. 961.

306d—EAST ST. LOUIS JUNCTION R.R.
36 Mls, 14 Loco, Cars: 200 Frt
National Stock Yards address, Live Stock Exchange Bldg.
G. R. Collett, Pres.....Kansas City, Mo
✪E. F. Bisbee, V.-Pres. } Nat. Stock Yds.
¶S. V. Davis, Sec. & Treas } Ill.
F. G. Baries, Gen. Mgr.. "
T. R. Buckham, Gen.
Ind. Agt..... "
H. L. Wyatt, Traf. Mgr. "
★✠G. L. Schiele, Supt... "
D. M. Evans, Car Acct.. "

307—EAST TENNESSEE & WESTERN NORTH CAROLINA R. R. CO.
36 Mls, 3 & 4.8½ G, 7 Loco, Cars: 210 Frt, 14 Pass
E. P. Earle, Pres..... } Johnson City,
¶✪J. E. Vance, V.-Pres... } Tenn.
H. Prosser, Sec..... "
J. H. Epps, Gen. Coun. "
& Clm. Agt..... "
W. H. Blackwell, Aud.... "
✠C. G. Beasley, Supt..... "
B. W. Watson, M. M..... "

307a—EAST TEXAS & GULF RY.
10 Mls, 3 Loco, Cars: 20 Frt, 1 Pass, 2 Misc.
J. T. Wurtsbaugh, Pres.
& Treas.....Shreveport, La
M. B. Hicks, V.-Pres..... "
B. F. Swanson, Aud...Hicksbaugh, Tex
¶★✠H. G. Williamson, } S.W. Life Bldg.,
Traf. Mgr..... } Dallas, Tex.
J. P. Wurtsbaugh, Gen.
Mgr. .....Hicksbaugh, Tex

308—EAST'N BRITISH COLUMBIA RY CO. 14 Mls, 2 Loco, Cars: 27 Frt, 2 Pass
Spokane address, E. 204 Desmet Ave.
✪A. W. Witherspoon, Pres... } Spokane,
A. Corbin, 2nd., V.-Pres..... } Wash.
¶A. M. Allen, Sec. & Treas..... "
P. N. Clark, Aud. & G. F. & P. A. "
✠G. W. Evans, Gen. } L. C. Smith Bldg.,
Mgr..... } Seattle, Wash.
E. L. Warburton, Supt.....Corbin, B. C
C. F. Hobart, M. M..... "

309—EASTERN KENTUCKY RY. CO.
36 Mls, 4.9 G, 3 Loco, 41 Frt, 6 Pass
Boston address, 50 State St.
Receiver appointed April 1, 1919.
¶✪S. G. Bates, Recr.....Riverton, Ky
J. E. Thayer, Pres.....Boston, Mass
J. C. Nutali, Sec. & Treas... "
★R.B.Leedy, Supt.&Rd.Mast.Grayson, Ky

310—EASTERN NEW YORK UTILITIES CORP.
38 Mls, 4 Loco, Cars: 10 Frt, 23 Pass.
New York address, 100 Broadway.
R. A. C. Smith, Chman..New York, N.Y
W. Loeb, Jr., Pres..... "
J. E. Hewes, V.-Pres.,
Gen. Mgr. & G.F.& P.A..Albany, N. Y
R. Sutro, V.-Pres .....New York, N.Y
W. A. Ross, Sec..... "
I.W. Day, Treas..... "
J. A. Connell, Asst. Treas. } Rensselaer,
& Aud ..... } N. Y.
B. C. Flagg, Frt. Clm. Agt.... "
G. Osburn, Gen. Supt..... "
¶C. W. Mullaney, Pur. Agt.... "
✠J. Robbins, Mech.& Elec. Supt. "

311—EDGEMOOR & MANETTA RY.
3 Mls, 2 Loco, Cars: None.
H. B. Heath, Pres.....Charlotte, N. C
¶★✪R. A. Willis, Sec.,
Treas. & Gen. Mgr....Edgemoor, S. C
G. A. Buchanan, Supt..... "

Genasco Protection

for railroad property

Wherever there is need for complete and lasting protection from the weather, there is a **Genasco Protective Product** that meets it efficiently and economically. The following are standard on several leading railway systems:

Genasco Tile Cement

Genasco Ready Roofings (Smooth and Slate Surface)

Genasco Sealbac Shingles (Individual and Strip)

Genasco Latite Shingles

Genasco Standard Trinidad Built-up Roofing

Genasco Membrane Waterproofing

Genasco Waterproofing Asphalts (Solid and Liquid for Bridges)

Genasco Waterproofing Felts and Fabrics

Genasco Asphalt Pipe Coating

Genasco Elastic Boiler Cement

Genasco Mastic Flooring

Genasco Asphalt Fibre Coating

Genasco Liquid Asphalt Roof Coating

Genasco Industrial Paint

Genasco Battery Seal Asphalt

Genasco Battery Paint

Genasco Asphalt Putty

Genasco Acid Proof Paint

Genasco Asphalt Saturated Felt

Genasco Deadening Felt

Genasco Insulating Paper

Genasco Red Sheathing Paper

Genasco Insulating Asphalt

Barber Brand Cold Repair Cement for Grade Crossings and Station Platforms

Write for illustrated folders

THE BARBER ASPHALT COMPANY

1600 Arch Street, PHILADELPHIA

New York Chicago Pittsburgh St. Louis Kansas City San Francisco

311a—EDMONTON, DUNVEGAN & BRITISH COLUMBIA RY. CO.
422 Mls, 10 Loco, Cars: 248 Frt, 7 Pass, 50 Misc
D. C. Coleman, Pres....Winnipeg, Man
C. Murphy, V.-Pres..... "
E. J. Bulgin, Gen. Aud.... } Edmonton,
F. J. Kavanagh, Asst. Aud. } Alberta
¶★✪J. A. McGregor, Mgr..... "
M. W. Boucher, Asst. Supt.....McLennan, Alta
S. R. Lamb, Res. Eng..Edmonton, Alta

312—ELBERTON & EASTERN R. R. CO.
36 Mls, 2 Loco, Cars: 4 Frt, 3 Pass
13 miles additional under construction.
C. L. Wickersham, Gen. Mgr.....Washington, Ga
E. W. Sandwich, Supt. C. S..Atlanta, Ga

313—EL DORADO & WESSON RY.
10 Mls, 3 Loco, Cars: 3 Pass.
✪C. V. Edgar, Pres.....El Dorado, Ark
A. B. Banks, V.-Pres.....Fordyce, Ark
C. H. Newell, V.-Pres.....Wesson, Ark
¶★✠H. D. Reynolds, Sec.-Treas. & Mgr.....El Dorado, Ark
O. L. Trickett, Aud..... "
G. F. Thomas, Traf. } 419-420 Boyle Bldg.,
Mgr..... } Little Rock, Ark.

314—ELGIN, JOLIET & EASTERN RY. CO.
460 Mls, 275 Loco, Cars: 12,020 Frt, 211 Misc
Chicago address, 208 So. La Salle St.
EXECUTIVE, FINANCIAL AND LEGAL.
A. F. Banks, Pres..... } Chicago,
✪S. M. Rogers, V.-Pres..... } Ill.
F. L. Koontz, Sec. & Treas..... "
E. Beecroft, Asst. Sec. & Asst. Treas..... "
K. K. Knapp, Gen. Coun..... "
R. W. Campbell, Gen. Atty.... "
P. L. Fisher, Gen. Aud..... "
G. W. Williams, Asst. Gen. Aud. "
T. E. Bond, Traf. Mgr..... "
J. H. Mangold, G. F. A..... "
J. B. Davies, Asst. G. F. A..... "
H. M. DeGette, Frt. Clm. Agt... "
OPERATING.
S. M. Rogers, V.-Pres.....Chicago, Ill
P. F. McManus, Gen. Supt.....Joliet, Ill
R. F. Beaudry, Supt..... "
C. H. Doorley, Supt.....Gary, Ind
A. L. Christiansen, Supt. C. S. Joliet, Ill
O. F. Gnadinger, Safety Supvr. "
Dr. G. G. Davis, Ch. Surg...Chicago, Ill
PURCHASING.
¶C. H. Kenzel, Pur. Agt.....Chicago, Ill
G. S. Wright, Gen. Str. Kpr. & Asst. to Supt. M. P.....Joliet, Ill
MECHANICAL.
§ J. Horrigan, Supt. M. P.....Joliet, Ill
G. S. Wright, Asst. to Supt. M. P. & Gen. Str. Kpr..... "
E. N. Walsh, Mech. Eng..... "
J. C. Shreeve, M. M..... "
C. E. Topp, M. M.....Gary, Ind
ROAD FOREMEN OF ENGINES.
J. Boland.....Joliet, Ill
A. R. Chamberlin..... "
T. F. Cuff.....Gary, Ind
ROAD FOREMEN OF ENGINES—CONT'D.
W. Grady.....Joliet, Ill
T. Hannon.....Gary, Ind
J. E. Hermes..... "
J. W. Smith.....Joliet, Ill
C. H. Emerson, M. C. B.....Joliet, Ill
W. Govert, M. C. B.....Gary, Ind
J. Grimmer, Trav. Car Insp..Joliet, Ill
J. Hastert, Gen. For..... "
A. L. Horrigan, Gen. For.....Gary, Ind
C. L. Wilson, Air Brk. Supvr..Joliet, Ill
F. Nelson, Paint For..... "
ENGINEERING, BRIDGES & ROADWAY
A. Montzheimer, Ch. Eng.....Joliet, Ill
F. H. Masters, Asst. Ch. Eng... "
J. J. Davis, Asst. Eng..... "
A. G. Dorland, Asst. Eng.....Gary, Ind
J. T. W. Jennings, Off. Eng....Joliet, Ill
J. W. Webster, Valua. Eng... "
T. Aldridge, Supvr.....Gary, Ind
J. D. Sanders, Supvr....So. Chicago, Ill
W. B. Hotson, Supt. B. & B.....Joliet, Ill
ROAD MASTERS.
P. Maisenbacher.....Gary, Ind
A. E. Muschott.....Joliet, Ill
D. O'Hern..... "
F. C. Stuart, Sig. Eng.....Joliet, Ill

315—ELKIN & ALLEGHENY R. R. CO.
16 Mls, 1 Loco, Cars owned: None
H. G. Chatham, Pres.....Winston-Salem, N. C
R. A. Doughton, V.-Pres....Sparta, N. C
G. T. Roth, V.-Pres.....Elkin, N. C
A. G. Click, V.-Pres..... "
A. Chatham, Sec. & Treas.. "
¶★✠✪J. P. Ipock, Gen. Mgr. "

316—EL ORO MINING & RY. CO., LTD.
37 Mls, 3 G, 9 Loco, Cars: 108 Frt, 8 Pass
R. T. Bayliss, Chman.....London, Eng
H. F. Wreford, Sec..... "
✪A. F. Main, Mng. Dir..Mexico City Mex
H. C. Enos, Asst. Gen. Mgr..El Oro, Mex
J. B. Ortega, Acct.....Mexico City, Mex
¶E. R. Atchison, Bus. Mgr. "
M. M. Albarran, Str. Kpr...El Oro, Mex
A. J. Geyne, Asst. Bus. Mgr. "
J. B. Lara, Supt. Ry..... "
P. E. Holme, M. M..... "
J. P. Romo, Ch. Eng..... "

—† EL PASO & NORTHEASTERN RY.
—† EL PASO & ROCK ISLAND RY.
—† EL PASO & SO. WEST'N R. R. CO.
—† EL PASO & SOUTHWESTERN R. R. CO. OF TEXAS.
—† EL PASO & SOUTHWEST'N R. R. CO.
See So. Pac. Co., No. 930.

317—

318—ELWOOD, ANDERSON & LAPELLE R. R.
5 Mls, 2 Loco, Cars: 9 Frt
★✠E. W. Pargny, Pres.. } Frick Bldg.,
C. W. Bennett, V.-Pres. } Pittsburgh, Pa
H. B. Wheeler, Sec. & Treas. "
R. J. Hadly, Aud..... "
¶M. S. Dennis, Pur. Agt.... "

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

Don't let price blind you when you buy small tools

PRICE must be a factor in anything that is bought. But price alone never made a bargain.

Any man who buys taps, reamers, or milling cutters solely on a price basis is paying too much no matter how little he pays.

What are they made of? How long will they stay sharp? What production can I get with them? How often will a machine be idle waiting for a tool to replace one broken or quickly worn out?

These are the questions a man should ask. And the best answer will be found in P & W small tools — in what they are and what they will do.

Write for a small tool catalog

PRATT & WHITNEY CO., *Hartford, Conn.*
Division NILES-BEMENT-POND COMPANY

WE WILL SEND YOU THIS
It is a text-book of small tools — a guide book to greater production and lower costs.

PRATT & WHITNEY

319—EMMITSBURG R. R.
7 Mls, 2 Loco, Cars; 4 Pass
J. D. Keith, Pres.....Gettysburg, Pa
J. O. Hayden, V.-Pres..... } Emmitsburg, Md
J. J. Crumlish, Sec..... }
L. Sebold, Treas..... "
¶★✝✪J. M. Alvey, Gen. Mgr... "

320—ENSLEY SOUTHERN RY. CO.
29 Mls; Equipment owned, none.
Receiver appointed July 1, 1924.
Birmingham address, 902 Southern Ry. Bldg.
A. B. Aldridge, Recr..Birmingham, Ala
J. L. Hall, Treas. & Aud. "

321—ERBACON & SUMMERSVILLE R. R. CO.
16 Mls, 2 Loco, Cars: 4 Frt, 1 Pass, 16 Misc
¶★✝P. E. Eakin, Pres. & Supt.. } Skyles, W. Va.
J. W. Eakin, Sec. & Treas..... }

322—ERIE R. R. CO.
COMPRISING
*68–Bath & Hammondsport R. R.
—Chicago & Erie R. R.
*680—New Jersey & New York R. R.
*698—New York, Susquehanna & Western R. R.
*Mileage and equipment shown separately.
2,447 Mls, 1,430 Loco, Cars: 51,823 Frt, 1,286 (including 13 Motor) Pass, 2,554 Misc
Mileage also shown separately for each Region.
Chicago address, 608 South Dearborn St.
New York addresses, 50 Church St. and 71 West 23rd St.

System Officials.

EXECUTIVE, FINANCIAL AND LEGAL.
✪F. D. Underwood, Ch. Ex. } New York, N. Y.
Comm. & Pres..... }
R. C. Falconer, Asst. to Pres. & Ch. Eng..... "
J. E. Packer, Asst. to Pres. & Asst. Sec..... "
G. F. Brownell, V.-Pres. & Gen. Coun..... "
J. G. Walsh, Asst. V.-Pres.... "
G. H. Minor, V.-Pres. & Sec.... "
D. L. Gray, V.-Pres..... "
W. A. Baldwin, V.-Pres..... "
W. L. Campbell, Asst. to V.-Pres. "
G. A. W. Achenbach, Asst. Sec.. "
C. P. Crawford, Compt..... "
W. J. Moody, Treas..... "
B. A. Van Tassell, Asst. Treas. "
E. F. Morgenroth, Asst. Treas. "
H. A. Taylor, Gen. Solr..... "
C. F. Leonard, Asst. Gen. Solr. "
M. B. Pierce, Gen. Atty..... "
H. H. Hull, Gen. Atty..... "
H. T. Whipple, Gen. Atty.... "
G. R. James, Asst. Gen. Atty. "
H. W. Andrus, Claims Atty... "

LAND AND TAX AGENTS.
J. A. Minor (Gen.).....New York, N. Y
A. B. Johnson.....Cleveland, O
K. Mayo (Asst. Gen.)..... } New York, N. Y
N. Wells (Asst. Gen.)..... }

TRAFFIC.
D. L. Gray, V.-Pres.....New York, N. Y
C. L. Chapman, Asst. to V.-Pres..... "
G. C. Manning, Frt. Traf. Mgr..... "
F. D. Austin, Frt. Traf. Mgr. Chicago, Ill
R. H. Wallace, Pass. Traf. Mgr..... } New York, N. Y.

GENERAL PASSENGER AGENTS.
H. C. Holabird.....Chicago, Ill
J. F. Shinn.....New York, N. Y

G. H. Reinbrecht, Gen. Coal Frt. Agt.....New York, N. Y
C. F. Keller, Coal Frt. Agt. "
E. C. Julius, Coal & Coke Agt. Chicago, Ill
H. F. Bell, Foreign Frt. Traf. Mgr.....New York, N. Y
A. L. Moorshead, Ind. Eng. "
H. B. Rogers, Ch. Agri. Agt.....Jamestown, N. Y
C. P. Morse, G. F. & P. A..Cincinnati, O

GENERAL FREIGHT AGENTS.
H. W. Forward.....Chicago, Ill
J. G. Hill..... "
F. G. Lantz..... "
H. C. Snyder.....New York, N. Y

G. R. Wheeler, Gen. Eastern Frt. Agt..... } New York, N. Y.
A. C. Hilton, Gen. Eastern Pass. Agt..... "
H. T. Harlow, Gen. West. Pass. Agt.....Chicago, Ill
H. M. Wade, Gen. Bag., Mail & Exp. Agt..... } New York, N. Y.

ACCOUNTING.
C. P. Crawford, Compt.... } New York, N. Y.
J. K. Thompson, Asst. Compt..... }
F. A. Clark, Gen. Aud..... "
A. J. Moran, Aud. Frt. Accts. "
J. Prigge, Asst. Aud. Frt. Accts..... "
J. G. Austin, Gen. Aud. Disb. "
A. L. Greenleaf, Asst. Gen. Aud. Disb..... "
P. J. Reilly, Aud. Pass. Accts. "

OPERATING.
W. A. Baldwin, V.-Pres... } New York, N. Y.
W. L. Campbell, Asst. to V.-Pres..... }
W. H. Brameld, Eng. Asst. to V.-Pres..... "
A. E. Ruffer, Transp. Mgr.. "
J. J. Moynihan, Supvr. Trans. "
L. V. R. Clum, Car Serv. Agt. "
H. C. Barlow, Gen. Frt. Clm. Adj..... "
I. A. Canning, Supt. Din. Cars.....Jersey City, N. J
E. P. Griffith, Supt. Tel.. Paterson, N. J
R. H. Corson, Asst. Supt. Tel. "
F. H. Menagh, Asst. Supt. Tel. Marion, O
A. B. Hoff, Comr. Police & Emp.....New York, N. Y

SAFETY LIGHTING FIXTURES The Safety C. H. & L. Co. 2 Rector St., New York.

more railroads

[from Chairmen of the Boards
to the lowliest workman]

know more

about the ECONOMIES of
Bowser Oil savers

through experience

in shops, oil houses and along
the right of way

than ever before

S. F. BOWSER & CO., Inc.
FORT WAYNE, INDIANA
Special Railroad Department

322—ERIE—Continued.

System Officials—Continued.

PURCHASING.

W. R. Collins, Mgr. Pur. } 71 W. 23rd St.
T. E. Savage, Asst. to Mgr. Pur. } New York, N.Y
F. E. Driscoll, Pur. ... "
F. W. Holt, Pur. ... "
E. S. Wasson, Sta. ... } 72 Park Pl., New York, N. Y

STORES.

A. L. Sorensen, Mgr. ... } 71 W. 23rd St.,
C. K. Reasor Asst. Mgr. } New York, N.Y
H. S. Burr, Asst. to Mgr. ... Meadville, Pa
F. J. Talbot, Supt. Stores. Hornell, N. Y
J. J. Kukis, Supt. Stores .. Meadville, Pa

DIVISION STORE KEEPERS.

H. J. Ackworth ... Kent, O
C. W. Dearworth ... Huntington, Ind
W. S. Fatzinger ... Stroudsburg, Pa
G. W. Hollister .. North Hawthorne. N. J
L. L. Hopkins ... Hornell, N. Y
M. F. Keyes ... Buffalo, N. Y
T. Klein ... "
P. E. Kukis ... Cleveland, O
R. H. Pauling ... Marion, O
C. A. Richie ... Salamanca. N. Y
A. Ross ... Jersey City, N. J
R. W. Spaulding ... Meadville, Pa
H. E. Tice ... Susquehanna, Pa
F. B. Tucker ... Port Jervis, N. Y
A. C. Wagner ... Dunmore, Pa

MECHANICAL.

A. G. Trumbull, Ch. Mech. } New York Eng. ... } N. Y
F. S. Brown, Mech. Eng. . Meadville, Pa
W. A. Cotton, Mech. Asst. . New York, N. Y
R. B. Watson, Eng. Tests . . Meadville, Pa
T. F. Howley, Supt. Loco. } New York, Oper. ... } N. Y.
J. McMullen, Supt. Car Dept. "
F. M. Graff, Supt. Prod. . . Meadville, Pa
T. W. Dow, Gen. Air Brk. Insp. "
G. Eisenhauer, Elec. Eng. New York, N. Y
C. F. McKinney, Supvr. Power Plants ... "
W. S. Haines, Supt. Reclamation Serv. ... "

ENGINEERING, BRIDGES & ROADWAY

R. C. Falconer, Asst. to Pres. & Ch. Eng. ... } New York, N. Y.
F. A. Howard, Eng. Structures "
A. M. Knowles, Asst. Eng. Structures ... "
C. H. Moore. Valua. Eng. ... "
C. H. Splitstone, Supt. Constr. "
G. S. Fanning, Prin. Asst. Eng. "
J. W. Smith, Gen. Off. Eng. ... "
H. F. King, Spec. Eng. ... "
A. W. Miesse, Asst. to Ch. Eng. "
L. W. Walter, Insp. Eng. Jersey City, N. J

ENGINEERS GRADE CROSSINGS.

W. J. Foster ... New York, N. Y
R. L. Turner ... "

SIGNAL DEPARTMENT.

M. A. Baird, Sig. Eng. ... } New York,
W. S. Storms, Asst. Sig. Eng. } N. Y.

GENERAL SIGNAL INSPECTORS.

S. F. Cooper ... New York, N. Y
H. C. Price ... Youngstown, O

322a—New York Region.

Extending from New York to Buffalo, 1290 Mls. (Mileage also included in Erie R.R. Co., No. 322).

J. J. Mantell, V.-Pres .. New York, N. Y
J. D. Cummin, Asst. to V.-Pres. ... Jersey City, N. J
C. D. Ward, Aud. ... "
F. V. Matthews, Aud. Disb. . Hornell, N. Y

TRAFFIC.

L. B. Burford, G. F. & P. A. . New York, N. Y
J. N. Brundage, Frt. Clm. Adj. ... "
E. R. Knapp, Clm. Agt. ... "

OPERATING.

A. C. Elston, Supt. Trans. Jersey City, N. J

DIVISION SUPERINTENDENTS.

E. I. Bowen ... Rochester, N. Y
J. M. Condon ... Jersey City, N. J
W. J. English ... Hornell, N. Y
H. T. Kinney ... Dunmore, Pa
J. D. Rahaley ... Susquehanna, Pa
R. E. Woodruff ... Buffalo, N. Y

R. H. Boykin, Supt. Term. Jersey City, N. J
E. J. Bauer, Supt. Lighterage ... New York. N. Y

SUPERINTENDENTS FREIGHT SERVICE.

J. E. Ingling ... } Jersey City,
G. M. Murray (N. Y. Term.) } N. J.

C. W. Watson, Supt. Marine Dept. ... Jersey City, N. J
A. K. Stone, Safety Supvr. "
A. M. Kelly, Supt. Pass. & Suburban Service ... "
L. McGuill, Ch. Police ... "

MECHANICAL.

W. S. Jackson, Mech. Supt. ... Jersey City, N. J

MASTER MECHANICS

S. J. Kelley ... Jersey City, N. J
L. R. Laizure ... Secaucus, N. J
W. Moore ... Buffalo, N. Y
C. H. Norton ... Hornell, N. Y
W. H. Snyder ... Stroudsburg, Pa
G. Thibaut ... Susquehanna, Pa
F. Tuma ... Avon, N. Y
F. C. Wallace ... Port Jervis, N. Y
J. H. Winfield ... Undercliff, N. J

A. J. Davis, Supt. Shops . . Hornell, N. Y

SHOP SUPERINTENDENTS.

G. Goldsmith ... Buffalo, N. Y
J. T. Munroe ... North Hawthorne. N. J
J. Todd ... Susquehanna, Pa

R. S. Mounce, Gen. For. } Jersey City, Car Reps. ... } N. J.
J. Cunneen, Gen. Supvr. Loco. Oper. ... "
M. B. Roderick, Supvr. Tools & Mach. ... "

ENGINEERING, BRIDGES & ROADWAY

J. C. Patterson, Regional Eng. ... Jersey City, N. J
F. C. Kronauer, M. W. Insp. "

DIVISION ENGINEERS.

R. L. Dyke ... Hornell, N. Y
J. W. Graves ... Buffalo, N. Y

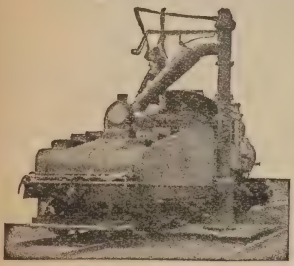
✪ Officer whose name is filed with the Interstate Commerce Commission as authorized to issue transportation.

THE LATEST IMPROVED

POAGE WATER COLUMN

EQUIPPED WITH

FENNER DROP SPOUT



Water can be taken quicker. Cost for maintenance is less than any other column. The Fenner Drop Spout reaches all heights of tenders without waste. : Open telescopic joint is non-freezable. : : :

Write for all facts.

The American Valve and Meter Co.

Main Office - Cincinnati, Ohio

Branch Offices:

Chicago, Ill.—McCormick Bldg.
Boston, Mass.—Essex Bldg.
St. Louis, Mo.—Chemical Bldg.
Denver, Colo.—Barth Bldg.
Baltimore, Md.—724 E. Pratt St.
Richmond, Va.—Mutual Bldg.

SUPER-HAMMERS

PNEUMATIC TOOLS

HAMMERS—RIVETING, CHIPPING, SCALING, CALKING, FLUE BEADING : JAM RIVETERS : HOLDERS-ON : RIVET BUSTERS : DRILLS : GRINDERS : WOOD BORING MACHINES : HOSE : HOSE COUPLINGS : HOSE GASKETS : HOSE NIPPLES : HOSE CLAMP TOOLS : PNEUMATIC TOOL ACCESSORIES OF EVERY DESCRIPTION

MADE BY

William H. Keller Inc.

GRAND HAVEN, MICHIGAN, U. S. A.

ERIE—Continued.

322a—New York Region—Cont'd.

DIVISION ENGINEERS—CONTINUED.

C. M. Lewis.....Susquehanna, Pa
S. J. Malloy.....Jersey City, N. J
H. M. Righter..... "

ASSISTANT DIVISION ENGINEERS.

B. Blowers.....Dunmore, Pa
W. C. Carpenter.....Jersey City, N. J
G. E. Righter.....Rochester, N. Y
P. Sabbott.....Jersey City, N. J

MASTER CARPENTERS.

M. Axelsen.....Jersey City, N. J
G. Carlough (Asst.).... "
H. R. Comfort..... "
G. C. Edwards.....Buffalo, N. Y
F. A. Knapp.....Susquehanna, Pa
R. Pierce.....Hornell, N. Y
H. H. Van Houten (Asst.). Jersey City, N. J

TRACK SUPERVISORS.

T. B. Bisbing.....Hawley, Pa
J. Carr.....Goshen, N. Y
C. L. Connors.....Newark, N. J
R. M. Cunningham....Jersey City, N. J
M. Deniff..... "
G. L. Dunn.....Port Jervis, N. Y
F. Fiske.....Hornell, N. Y
W. J. Flynn.....Elmira, N. Y
S. Hewitt.....Dunmore, Pa
M. Hopkins.....Stroudsburg, Pa
C. A. Joyce.....Paterson, N. J
W. L. Kelly.....Butler, N. J
O. N. Lackey.....Silver Springs, N. Y
J. J. Leonard.....Blossburg, Pa
R. D. Livingston.....Avon, N. Y
J. R. MacAsy.....Paterson, N. J
W. E. Maguire.....Attica, N. Y
B. C. Schoonover.....Buffalo, N. Y
P. Sobbott (Asst.) ..... { Croxton, N. J / P O. Secaucus
W. E. Stenson.....Binghamton, N. Y
E. W. Trenholm .....Wayland, N. Y
A. W. Wahl.....Callicoon, N. Y
W. H. Wahl..... Campbell Hall, N. Y
H. J. Weecheider.....Susquehanna, Pa

SIGNAL DEPARTMENT.

SIGNAL SUPERVISORS.

E. F. Champlin.....Hornell, N. Y
J. M. Gallaher .....Deposit, N. Y
J. D. Rankin (Asst.)...Jersey City, N. J
A. M. Smith..... "
A. C. Turner.....Buffalo, N. Y

FOREMEN SIGNAL MAINTENANCE.

N. C. Barnes.....Paterson, N. J
A. W. Fix .....Attica, N. Y
S. A. Griffith..... Jersey City, N. J
C. H. Groat.....Paterson, N. J
H. A. Keigwin.....Middletown, N. Y
J. H. Storms.....Elmira, N. Y
B. J. Toomey.....Binghamton, N. Y

322b—Ohio Region.

Extending from Kent to Hornell and Buffalo.

677 Mls.

(Mileage also included in Erie R. R. Co., No. 322.)

R. S. Parsons, V.-Pres..Youngstown, O

ACCOUNTING.

G. H. Smith. Asst. Treas. Youngstown, O
S. E. Knapp. Aud. Disb. "

TRAFFIC.

C. D. Turner, G. F. & P. A..Youngstown, O
L. H. Geller, Gen. Frt. Agt..Cleveland, O
H. O. Dunkle, Gen. Agt. Coal & Ore Traf..... "
C. L. Bingham, Milk & Live Stock Agt..... "
J. D. Brown, Gen. Agt. Pass. Dept..... "
W. E. Black, Frt. Clm. Adj. Youngstown, O
G. F. Collette. Clm. Agt....Cleveland, O

OPERATING.

H. J. Klein, Supt. Trans. Youngstown, O
C. G. Johnson, Supt. Sta. Serv..... "
F. H. Boyd, Car Serv. Agt. "

DIVISION SUPERINTENDENTS.

C. Bucholtz.....Youngstown, O
E. J. Edmunds.....Salamanca, N. Y
A. L. Kline.....Meadville, Pa
P. Minehan, Term. Supt..Youngstown, O
W. J. Redman, Ch. Police. "

MECHANICAL.

C. James, Mech. Supt..... { Youngstown, O
J. A. Cooper, Gen. Supvr. Loco. Oper..... "

MASTER MECHANICS.

F. H. Murray.....Salamanca, N. Y
A. Sutherby.....Cleveland, O

SUPERVISORS LOCOMOTIVE OPERATION.

A. L. Carskadden.....Meadville, Pa
J. J. McNeill.....Cleveland, O
H. E. Durtsche, Gen. Loco. Insp..... { Youngstown, O
L. C. Fitzgerald, Supvr. Car Rep. "
R. L. Badger, Supvr. Boilers.. "
G. E. McKinney, Elec. Supvr.. "
G. H. Higley, Supvr. Air Brks. "
N. B. Emley, Supvr. Tools & Mach..... "

ENGINEERING, BRIDGES & ROADWAY.

H. Knight, Regional Eng. Youngstown, O

DIVISION ENGINEERS.

A. J. Horth, Jr.....Youngstown, O
F. D. Lakin.....Meadville, Pa
F. S. Wheeler.....Salamanca, N. Y

MASTER CARPENTERS.

F. Getman.....Youngstown, O
J. P. Smallenberger.....Meadville, Pa
M. G. Tribe.....Salamanca, N. Y

TRACK SUPERVISORS.

A. J. Bernard.....Jamestown, N. Y
W. H. Connolly .....Wellsville, N. Y
M. J. Cooney.....Salamanca, N. Y
P. H. Cunningham .....Youngstown, O
G. J. Daly.....Meadville, Pa
P. J. Keenan.....Cuba, N. Y
T. J. Leonard.....Bradford, Pa
J. Lyman.....Cleveland, O
P. F. Nichols.....Meadville, Pa.
C. Pierson.....Sharon, Pa
E. E. Pierson.....Leavittsburg, O
L. Sipple.....Gowanda, N. Y
W. Pelham, M. W. Insp..Youngstown, O

SIGNAL DEPARTMENT.

SIGNAL SUPERVISORS.

R Eisele.....Meadville, Pa
J. R. Garrabrant.....Salamanca, N. Y
S. G. Raber.....Youngstown, O

STANDARD COUPLERS
STANDARD STEEL PLATFORMS
SESSIONS-STANDARD FRICTION DRAFT GEAR
Made by Standard Coupler Co. 110 East 42d St., N.Y.

Real Grinding Efficiency and Grinding Service

WILL ALWAYS RESULT FROM USING

THE RIGHT WHEEL IN THE RIGHT PLACE

For Car Wheels, Cast Iron, Chilled Iron, Brass, Bronze and Aluminum

CARBORUNDUM IS THE WHEEL

For Steel Work, Malleables and Tool Room Grinding

ALOXITE IS THE WHEEL

and Carborundum Service Guarantees you the Right Wheel, Right Grit and Grade

Suppose you get in touch with this real grinding service

The Carborundum Company

NIAGARA FALLS, N. Y.

FORGED STEEL WHEEL COMPANY

PITTSBURGH, PA.

Solid Wrought Steel Wheels

QUALITY — SERVICE

Works: Butler, Pennsylvania

ERIE—Continued.

322b—Ohio Region—Continued.

FOREMEN SIGNAL MAINTENANCE.

M. J. Menzie.....Warren, O
R. Nelson.....Meadville, Pa
G. E. Tillotson.....Warren, O

322c—Chicago Region.

Extending from Chicago to Kent,
480 Mls.

(Mileage also included in Erie R. R. Co., No. 322.)

F. G. Robbins, V.-Pres.....Chicago, Ill

ACCOUNTING

H. W. Trumpler, Asst. Treas. Chicago, Ill
H. A. Speer, Reg. Acct..Huntington, Ind

TRAFFIC.

W. V. Kennedy, G.F.& P.A. Chicago, Ill
A. N. Breland, Frt. Clm. Adjust..... "

OPERATING.

F. W. Rosser, Supt. Trans..Chicago, Ill

DIVISION SUPERINTENDENTS.

H. R. Adams..... Marion, O
J. G. June.....Huntington, Ind
L. L. White.....Hammond, Ind

L. C. Albright, Supvr. Trans. } Chicago,
D. L. Sturrock, Ch. Police... } Ill.

MECHANICAL.

G. T. Depue, Mech. Supt....Chicago, Ill
W. F. Yergens, Asst. Mech. Supt..... "
W. W. Warner, Shop Supt.....Kent, O

MASTER MECHANICS.

W. E. Harmison.....Kent, O
A. H. Klipper.....Marion, O
G. E. Lund.....Huntington, Ind

W. D. Cooper, Gen. Supvr. Loco. Oper.....Chicago, Ill
R. E. Holden, Supvr. Loco. Oper.....Marion, O

ENGINEERING, BRIDGES & ROADWAY

I. H. Schram, Reg. Eng.....Chicago, Ill
H. D. Row, Div. Eng...Huntington, Ind
C. K. Scott, Div. Eng.....Marion, O
W. P. Kimble, Asst. Eng.....Galion, O
A. W. Harlow, Mast. Carp.....Huntington, Ind
J. J. Keegan, Mast. Carp.....Marion, O

SUPERVISORS.

G. L. Benson .....Mansfield, O
A. Burgett.....Huntington, Ind
J. E. Fletcher.....Decatur, Ind
C. Foglegren.....Lima, O
C. Kier.....Ashland, O
W. H. Leatherman..North Judson, Ind
N. E. Scribner..... .Kent, O
J. W. Shea.....Marion, O

SIGNAL DEPARTMENT.

C. A. Nichols, Sig. Supvr. Huntington, Ind
J. A. Burgin, Sig. Supvr.... Marion, O

FOREMEN SIGNAL MAINTENANCE.

C. H. Castor.....Sterling, O
R. J. Fredericks..... Lima, O
R. C. Gallagher.....Marion, O
S. A. Heeter .....Rochester, Ind

323—ERIE & MICHIGAN RY. & NAVIGATION CO.

11 Mls, 1 Loco, Cars: 50 Frt, 1 Pass

Chicago address, 110 So. Dearborn St.

S. S. Jenkins, Pres., Sec. & Treas.....Chicago, Ill
E. E. Wilhelm, V. Pres. & Gen. Mgr. & G. F. & P. A..... "
J. J. Walsh, Aud. & Car Acct. "
¶★✠✪J. Bay, Gen. Supt..Alabaster, Mich
C. A. Pinkerton, Supt. C. S.....East Tawas, Mich

324—ESCANABA & LAKE SUPERIOR R. R. CO.

150 Mls, 7 Loco, Cars: 407 Frt, 5 Pass, 16 Misc

Milwaukee address, Wells Bldg.

W. E. Black, Pres.....Milwaukee, Wis
J. E. Morgan, V.-Pres.....Oshkosh, Wis
H. J. Brown, Sec.....Marinette, Wis
N. L. Barnes, Treas.... ....Chicago, Ill
C. C. Russell, Gen. Coun., Asst. Sec. & Treas....Milwaukee, Wis
L. O. Heintz, Aud.....Wells, Mich
¶✪G. N. Harder, Gen. Mgr.. "
H. G. Essington, Car Acct.. "
A. Blomstrom, Supt..... "
O. J. Thorsen, M. M..... "
J. A. Lambert, Rd. Mast..... "

325—ESQUIMALT & NANAIMO RY.

210 Mls, 28 Loco, Cars: 419 Frt, 41 Pass, 69 Misc

D. C. Coleman, Pres....Winnipeg, Man
¶ H. E. Beasley, Gen. Supt..Victoria, B.C
J. D. Fraser, Supt..... "
W. Byrd, M. M..... "
R. A. Bainbridge, Eng..... "

325a—ESSEX TERMINAL RY. CO.

21 Mls, 5 Loco, Cars: 56 Frt

L. A. Paddock, Pres..... } Walker-
★W. Woollatt, V-Pres. & Gen. } ville, Ont
Mgr..... "
J. H. Coburn, Sec..... "
J. W. Holzhauser, Treas..... "
F. B. Thompson, Aud..... "
¶ C. D. Henderson, Pur. Agt.... "
H. W. Patterson, Act. Ch. Eng. "
C. O'Connor, Rd. Mast..... "

325b—ETNA & MONTROSE R. R.

1 Ml, 5 Loco. Cars owned—none

Pittsburgh address, Carnegie Bldg.

J. H. Reed, Pres.....Pittsburgh, Pa
R. T. Rossell, V.-Pres.... "
G. W. Kepler, Sec. & Treas. "
G. E. Campbell, Aud. & G. F. A..... "
O. J. Foden, Supt.....Etna, Pa
¶ W. A. Parker, Pur. Agt..Pittsburgh, Pa
J. A. Ralston, Mech. Eng. "
L. E. Jones, Ch. Eng..... "

325c—ETTRICK & NORTHERN R. R.

10 Mls, 1 Loco, Cars: 1 Pass

Receiver appointed June 26, 1922.

¶★✠✪H. R. Madsen, Recr..Ettrick, Wis
M. T. Pedersen, Pres..... "
M. Casey, V.-Pres..... "
H. F. Claussen, Sec. & Treas.....

PARKESBURG
Charcoal Iron Boiler Tubes

FOR locomotive, marine and stationary boilers, are made from the same high grade of Charcoal Iron that has proven its quality and given such excellent service for more than half a century.

Parkesburgs are the tubes of ultimate economy.

The Parkesburg Iron Company

Main Office and Works: **PARKESBURG, PA.**

BRANCH OFFICES

New York, 30 Church St., Room 1523
Boston, Oliver Building
Chicago, 1616 Fisher Building
St. Louis, Security Building
Philadelphia, 822 Commercial Trust Bldg.
Cleveland, 840 Rockefeller Building
San Francisco, Rialto Building
Montreal, Canada, 708 New Birks Bldg.
St. Paul, 906 Merchants Bank Building

LOCOMOTIVE TIRES DRIVING AXLES
CONNECTING ROD FORGINGS
PISTON RODS CRANK PINS
STEEL TIRED WHEELS
HIGH SPEED AND CARBON TOOL STEEL
IRON AND STEEL CASTINGS

THE MIDVALE COMPANY

NICETOWN, PHILADELPHIA

District Offices:

NEW YORK WASHINGTON CHICAGO
PITTSBURGH CLEVELAND SAN FRANCISCO

326—EUREKA HILL R. R.
7 Mls, 3 G, 3 Loco, Cars: 59 Frt
O. R. Knight, Pres.....Provo, Utah
J. W. Knight, V.-Pres..... "
R. E. Allen, Sec. & Treas.... "
¶R. Anderberg, Pur. Agt.... "
J. J. Cronin, Mgr., Supt. & M. M..... } Silver City, Utah
R. A. Wilkins, Ch. Eng..... "

327—EUREKA NEVADA RY. CO.
88 Mls, 3 G, 9 Loco, Cars: 163 Frt, 5 Pass, 2 Misc
J. H. Sherburne, Pres. } 19 Congress St., Boston, Mass.
J. E. Sexton, V.-Pres.....Palisade, Nev
¶✪C. B. Sexton, Gen. Mgr. & Ch. Eng..... "
E. H. Watson, Sec. & Treas..... } 19 Pearl St., Boston, Mass
P. A. McCarran, Gen. Atty... Reno, Nev
W. W. McNair, Traf. Mgr. & Clm. Agt.....Palisade, Nev
S. Baglyn, M. M..... "

327b—EVANSVILLE & OHIO VALLEY RY. CO. (Electric).
71 Mls, 1 Loco (Elec), Cars: 151 Frt (including 3 Motor), 15 Pass, 3 Misc
W. H. McCurdy, Pres... } 214 Locust St., Evansville, Ind.
W. A. Koch, 1 V.-Pres..
W. A. Carson, 2 V.-Pres..
¶✠G. R. Millican, V.-Pres. & Gen. Mgr..... "
C. H. Battin, Sec. & Treas "
R. W. Vote, Aud. & G. F. & P. A..... "
E. L. Moore, Supt. Trans. "
G. W. Burke, M. M..... "

327a—EVANSVILLE, INDIANAPOLIS & TERRE HAUTE RY. CO.
146 Mls, Cars: 825 Frt, 8 Pass, 24 Misc
P. L. McManus, Gen. Supt..... Terre Haute, Ind
B. S. Dickerson, Eng. M. W. } Washington, Ind.
W. G. Whitehead, Asst. Eng.
M. W..... "
F. King, Supvr. Trk..... "
D. Cline, Supvr. B. & B..... "
For other officials see C. C. C. & St. L., No. 229.

328—EVANSVILLE SUBURBAN & NEWBURGH RY. (Electric).
25 Mls, 3 Loco, Cars: 202 Frt, 17 Pass
¶G. Muhlhausen, Pres. & Gen. Mgr..... } Evansville, Ind
C. W. Cook, V.-Pres. & Treas.. "
J. E. Cox, Sec..... "
C. H. Hendricks, Aud. & Car Acct. "
A. Clinard, M. M..... "
J. C. Castleman, Rd. Mast..... "

328a—FAIRCHILD & NORTH-EASTERN RY. CO.
65 Mls. 3 Loco, Cars: 20 Frt, 3 Pass.
Chicago address, Westminster Bldg.
✪R. G. Jones, Pres .....Chicago, Ill
H. R. Potter, V.-Pres. & Gen. Mgr..... "
J. A. Barthel, Sec..... "
R. Boggess, Treas.....Fairchild, Wis
R. R. Hawkhurst, Gen. Coun..Chicago, Ill
¶✪★✠C. M. Sherwood, Treas., Aud. & Traf. Mgr. Fairchild, Wis

329—FAIRPORT, PAINESVILLE & EASTERN R. R. CO., THE
13 Mls, 7 Loco, Cars: 152 Frt
Pittsburgh address, 511 Wood St.
J. H. McNash, Pres.....Pittsburgh, Pa
E. F. Blakely, V.-Pres....Painesville, O
M. N. Goodrich, Sec..... "
¶G. J. Edwards, Treas. & Aud.....Pittsburgh, Pa
★✠L. L. Dixon, Gen. Mgr...Painesville, O

330—FEDERAL VALLEY R. R. CO., THE 16 Mls, 3 Loco, Cars: 8 Misc
✪J. H. Earnshaw, Pres.. } 16 E. Broad St., Columbus, O
R. D. Keiser, Aud., Sec.,
Treas. & G. F. A..... "
¶★✠H. Charlton, Gen. Mgr. "

——† FELICITY & BETHEL R. R.
For officials see Cin., G. & P. R. R., No. 217

331—FELLSMERE R. R. CO.
10 Mls, 2 Loco, Cars: 4 Pass
✪H. L. Dudley, Pres..... } Fellsmere, Fla.
¶F. W. Heiser, Gen. Mgr.... }
W. B. Nipson, Supt..... "
J. E. Dixon, Mech. Supt..... "
I. S. Lhoyd, Ch. Eng..... "

332—FERDINAND R. R. CO.
7 Mls, 1 Loco, Cars: 1 Pass
J. A. Sonderman, Pres..Ferdinand, Ind
R. J. Beckman, Sec.... "
E. J. Beekman, Treas... "
¶★✠✪L. Muller, Gen. Mgr. & G. F. & P. A... "

333—FERNWOOD, COLUMBIA & GULF R. R. CO.
44 Mls, 4 Loco, Cars: 76 Frt, 3 Pass
A. F. Wortman, Pres.....Jackson, Miss
¶✪ N. E. Ball, V.-Pres. & Gen. Mgr.....Tylertown, Miss
J. M. Fush, Treas. & Gen. Aud..... } Fernwood, Miss
J. L. Bentz, Supt. & Aud..... "
E. B. Calhoun, G. F. & P. A. Tylertown, Miss
J. G. Gardner, Car Acct.... } Fernwood, Miss.
A. G. Mogan, M. M..... }
J. S. Mullings, Ch. Eng...Kokomo, Miss
J. P. Fraim, Supt. Maint. Way & Structs..... "

334—FLEMINGSBURG & NORTHERN R. R. CO. 7 Mls, 1 Loco, Cars: 3 Frt
S. S. Bush, Pres.....Louisville, Ky
W. N. Cox, V.-Pres..... "
A. B. Milliken, Sec. & Treas. "
J. P. McCartney, Gen. Coun.. } Flemingsburg, Ky.
G. Faulkner, Jr., Aud. & Supt }
¶★✠✪R. L. Dudley, Gen. Mgr. "

334a—FLINT BELT R. R.
11 Mls. Equipment owned—none.
F. H. Alfred, Pres.....Detroit, Mich
R. J. Williams, Supt. M. P "

MAGIC
TRADE MARK

MAGIC BOILER PRESERVATIVE

Stops minor leaks.
Removes and prevents formation of scale.
Prevents pitting and corrosion.
Will not cause boilers to foam.
Water analysis unnecessary.
Can be successfully used in conjunction with Water Softeners.

GARRATT-CALLAHAN CO.

Chicago, Ill. 310 So. Michigan Ave. | San Francisco, Cal. 148-156 Spear St. | New York City 1328 Broadway at 34th St.

OPEN HEARTH
STEEL CASTINGS
FOR CARS AND LOCOMOTIVES

SHIPPING FACILITIES ON FIVE RAILROADS

THE COMMERCIAL STEEL CASTING CO.
MARION, OHIO

335—FLINT RIVER & NO.-EASTERN R. R. CO., THE

23 Mls, 2 Loco, Cars: 4 Frt, 1 Pass

T. P. Hinman, Pres.....Pelham, Ga
F. D. Hollis, V.-Pres..... "
J. R. Hackett, Sec..... } Moultrie,
H. I. Ashburn, Treas..... } Ga.
✪F. R. Pidcock, Gen. Mgr..... "

For other officials see Ga-No. Ry., No. 368

336 to 340

341—FLORIDA CENTRAL & GULF RY.

26 Mls, 3 Loco, Cars: 4 Frt

For officials see S. A. L. Ry., No. 836

342—FLORIDA EAST COAST RY. CO., THE

900 Mls, 207 Loco, Cars: 2,492 Frt, 127 Pass, 381 Misc

New York address, 120 Broadway.

EXECUTIVE, FINANCIAL AND LEGAL.

W. R. Kenan, Jr., Pres..New York, N.Y
H. N. Rodenbaugh, V.-Pres. } St. Augus-
H. M. Brown, Spec. Asst. to } tine, Fla.
V.-Pres..... "
J. W. Fox, Asst. to V.-Pres.
(Valua. & R. E.)..... "
L. C. Haines, V.-Pres &
Treas.....New York, N. Y
S. M. Loftin, V.-Pres.
& Gen. Coun.....Jacksonville, Fla
¶C. D. Boice, Sec. & Pur. Agt. } New York,
J. O. Clarke, Asst. Treas.... } N. Y.
R. H. Anderson, Gen. Solr... } Jackson-
R. L. Frink, Gen. Atty..... } ville, Fla.
T. V. Pomar, Compt. & Asst. } St. Augus-
Treas..... } tine, Fla.
C. E. Coomes, Aud..... "
J. L. McCartney, Aud. Disb... "
G. G. Lee, Aud. Pass. Accts.. "
A. H. Reeder, Aud. Frt. Accts. "
H. Colee, Mgr. Pub. Relations
Bur..... "

TRAFFIC.

H. N. Rodenbaugh, V.-Pres. } St. Augus-
A. A. Jackson, Asst. to V.-Pres } tine, Fla.
F. W. Kirtland, Frt. Traf. Mgr. "
H. E. C. Hawkins, Gen. Frt. Agt. "
J. D. Rahner, G. P. A..... "
W. O. Boutwell, Asst. G. P. A. "

OPERATING.

H. N. Rodenbaugh, V.-Pres. } St. Augus-
A. A. Jackson, Asst. to V.-Pres } tine, Fla.
J. H. Owen, Gen. Supt. Trans. "
F. L. Aitcheson, Asst. to Gen.
Supt. Trans..... "

SUPERINTENDENTS OF TRANSPORTATION.

E. P. McLain.....Miami, Fla
A. I. Pooser.....New Smyrna, Fla

ASST. SUPERINTENDENTS TRANSPORTATION.

W. L. Baker.....Miami, Fla
R. A. Champlin, South Jacksonville, Fla
R. Hill.....New Smyrna, Fla

P. G. Walton, Supt.
Term..... Buena Vista, Fla

PURCHASING.

¶C. D. Boice, Sec. & Pur.
Agt.....New York, N. Y
A. R. Dale, Gen. Str.
Kpr.....St. Augustine, Fla

STORE KEEPERS.

J. M. Bernheim.....St. Augustine, Fla
W. P. Carpenter.....Buena Vista, Fla
H. L. Chilton .....New Smyrna, Fla
S. Grabill.....So Jacksonville, Fla
F. H. Herring.....Ft. Pierce, Fla
W. E. Meeks.....Key West, Fla

MECHANICAL.

G. A. Miller, Supt. M. P. & } St. Augus-
Mach'y..... } tine, Fla.
P. H. Conniff, Asst. Supt. M. "
P. & Mach'y..... "
R. B. Hunt, Mech. Eng ..... "
W. M. Jones, Jr., M. M..Buena Vista, Fla
J. E. Morris, M. M....New Smyrna, Fla
F. A. Daniel, Rd. For. Eng...Miami, Fla
R. J. McKenzie, Rd.
For. Eng..... ....New Smyrna, Fla
J. T. Courtney, Rd.
For. Eng..... "
W. N. Henry, Asst.
Rd. For. Eng..... "
J. R. Vaughn, Gen. Car For... } St. Augus-
R. Q. Milnes, Fuel Supvr... } tine, Fla.
M. Norwood, Fuel Supvr. Buena Vista, Fla
R. Adams, Fuel Supvr..New Smyrna, Fla
F. E. Wilson, Gen. Boil. Insp. } St. Augus-
C. A. Gammon, Gen. Carlnsp. } tine, Fla.
D. H. Wilson, Shop Supt..... "
E. S. Smith, M. C. B ..... "
D. Love, Supt. Air Brakes..... "
W. J. Foy, Asst. Supt. Air Brks.. "
V. R. Emrick, Ch. Electrician. "
P. J. Beachem, For. Paint..... "

ENGINEERING, BRIDGES & ROADWAY

W. G. Brown, Eng. M. W.... } St. Augus-
H. M. Brown, Spec. Asst. to } tine, Fla
V.-Pres..... "
J. W. Fox, Asst. to V.-Pres.
(Valua. & R. E.)..... "
L. C. Frohman, Prin. Asst. Eng. "
J. B. Fickling, Off. Eng..... "
L. A. Gillette, Struct. Eng.... "
C. Oberdorf, Eng. Constr..... "
J. J. Gantt, Asst. Eng. Constr "
R. H. Martin, Valua. Eng ..... "
H. McCarrel, Arch..... "

ASSISTANT ENGINEERS.

R. H. Buell.....St. Augustine, Fla
F. H. Horton..... "
J. E. Lucas..... "
J. D. Mack..... "
H. Norris..... "
T. L. Pearre..... "
J. N. Pease..... "
A. D. Perkins ..... "
P. P. Pierce..... "
B. F. Robinson ..... "
A. H. Williamson..... "
W. Willoughby..... "

SUPERVISORS BRIDGES & BUILDINGS.

O. L. Beydler.....St. Augustine, Fla
E. D. Story .....West Palm Beach, Fla

J. G. Home, Supvr.
Water Supply.....St. Augustine, Fla
D. B. Clark, Gen. Rd.
Mast..... "
J. H. Morgan, Rd. Mast.....Miami, Fla
E. W. Sellars, Rd. Mast. St. Augustine, Fla

LOCOMOTIVE MAINTENANCE

AS specialists in locomotive building it necessarily follows that we are equipped with all the latest, up-to-date machinery for producing locomotive parts in quantity.

It also follows that we, as builders, when producing these parts, have always in mind the continued success of the locomotive as a whole, thereby insuring a uniformly flawless product.

After a thorough investigation had convinced us that, with our large production, efficient and modern shop equipment, we could furnish completed locomotive units or parts to many railroads at lower figures than their present cost of manufacturing in their own shops, we proceeded to enlarge our facilities in order that this production of parts would not be adversely influenced by the receipt of orders for complete locomotives.

Will you not therefore carefully consider our studying your maintenance requirements with a view of our furnishing you with any or all locomotive replace parts.

In availing of this service you are merely taking advantage of an economic as well as an engineering service, the rapid adoption of which will only serve to emphasize its value.

AMERICAN LOCOMOTIVE COMPANY

30 CHURCH STREET NEW YORK CITY

342—FLORIDA EAST COAST—Continued.

TRACK SUPERVISORS.

T. A. Coleman.....Titusville, Fla
F. W. Humphries.....Homestead, Fla
J. D. Lenderman. West Palm Beach, Fla
L. J. Player.....St. Augustine, Fla
R. S. Waldrep.....New Smyrna, Fla

W. E. Hoffman, Supt.
Sig.....St. Augustine, Fla

343—

344—FONDA, JOHNSTOWN & GLOVERSVILLE R. R. CO.

33 Mls, 8 Loco, Cars: 10 Frt, 23 Pass (including 3 Motors), 3 Misc

74 Mls., 4.8½ G., operated by electricity.

✪J. L. Hees, Pres..... } Glovers-
F. Burton, Sec..... } ville, N.Y
G. A. Harris. Treas. & Aud.... "
E. J. Beach, Asst. Treas..... "
J. Peasley, Asst. Aud..... "
M. F. Button, G. F. A..... "
F. A. Moore, G. P. A. & Asst. G. F. A..... "
★J. Zimmer, Gen. Supt. & Ch. Eng..... "
A. E. Cummings, Supt. & Car Acct. "
¶A. E. Venner. Pur. Agt..... "

——† FORD LINES.

See D., T. & I. R. R. Co., No. 287.

344a—FORDYCE & PRINCETON R. R. CO. 19 Mls, 2 Loco, Cars: 31 Frt

E. C. Crossett. Pres.....Fordyce, Ark
C. C. Gates, V.-Pres.....Chicago, Ill
¶★✠✪D. C. Gates, Sec., Asst. Treas. & Gen. Mgr.....Fordyce, Ark
J. W. Watzek, Treas.....Davenport, Ia
A. Trieschmann, Compt..Fordyce, Ark
H. G. Cannon, Aud..... "
G. F. Thomas, Traf. } Boyle Bldg.,
Mgr..... } Little Rock, Ark
B. A. Mayhew, Supt.....Fordyce, Ark

344b—FORE RIVER R. R. CORP.

9 Mls, 3 Loco, Cars owned—none.

★✠H. A. Brecht, Pres.....Quincy, Mass
J. M. Gross, Gen. Traf. Mgr. "
¶W. C. Worth, Pur. Agt. Bethlehem, Pa

345—FT. DODGE, DES MOINES & SOUTHERN R. R. CO. (Electric).

152 Mls, 11 Loco (Elec.), Cars: 1,992 Frt, 33 Pass, 31 Misc

✪C. H. Crooks, Pres. & Gen. Mgr. } Boone,
S. R. Dyer, Gen. Solr..... } Ia.
F. M. Johnston, Sec., Treas. & Aud..... "
V. H. Sayre, Frt. Clm. Agt..... "
F. M. Steele, G. F. & P. A..... "
E. F. Menge, Asst. G. F. A...Chicago, Ill
C. M. Kelly, Supt.....Boone, Ia
J. F. Gagnon, Supt. Term...Ft. Dodge, Ia
R. N. Weaver, Car Acct.....Boone, Ia
¶G. E. Motz. Pur. Agt..... "
J. E. Wenzel, Str. Kpr..... "
§J. Duncan, M. M..... "
H. H. Everts, Elec. Eng..... "
R. L. Cooper, Ch. Eng..... "
L. E. Gagnon, Supt. M. W.... "
M. Fronsdahl, Sig. Maint..... "

346—FORT SMITH & WESTERN RY. CO.

250 Mls, 26 Loco, Cars: 1,065 Frt, 20 Pass, 74 Misc

Fort Smith address, 928 Garrison Ave.

A. C. Dustin, Pres.....Cleveland, O
✪C. T. O'Neal, V.-Pres....Ft. Smith, Ark
C. Follett, Sec.....Cleveland, O
W. C. Merrick, Treas..... "
J. D. Phelps, Asst. Treas.... } Ft. Smith,
H. B. Herendeen, Aud..... } Ark.
F. R. Spurgin, Frt. Clm. Agt.. "
G. L. Oliver, Traf. Mgr..... "
L. B. Barry, Jr., Supt..... "
¶E. F. Gutensohn. Pur. Agt... "
J. I. Mailer, Supt. M. P..... "
J. A. Whitaker, For. Paint... "
B. F. Beckman, Ch. Eng..... "

347—FT. SMITH, SUBIACO & ROCK ISLAND R. R. CO.

54 Mls, 2 Loco, Cars: 3 Frt, 3 Pass

✪I. H. Nakdimen, Pres....Ft. Smith, Ark
C. H. Sommer, V.-Pres... } Frisco Bldg.,
} St. Louis, Mo
¶★Edw. Evenson, V.-Pres. & Gen. Mgr.....Paris, Ark
R. H. Kagy, Sec. & Treas... } Ft. Smith,
J. B. McDonough, Gen. Coun. } Ark.
C. W. Ferguson, Rd. Mast.....Dardanelle, Ark

348—

349—FT. WORTH & DENVER CITY RY. CO.

491 Mls, 108 Loco, Cars: 4,018 Frt, 64 Pass, 190 Misc

Ft. Worth address, 307 W. 6th St.

EXECUTIVE, FINANCIAL AND LEGAL.

Hale Holden, Pres. & Ch. Exec. Comm.....Chicago, Ill
C. G. Burnham, Exec. V.-P.. "
✪F. E. Clarity, V.-Pres. & Gen. Mgr..... } Ft. Worth,
C. B. Ragon, Asst. to } Tex.
V.-Pres. & Gen. Mgr..... "
W. O. Hamilton, Sec. & Treas. "
J. H. Barwise, Jr., Gen. Solr. "
J. A. Jones, Gen. Clm. Agt... "
W. D. McKoy, Tax & R. of W. Agt..... "

ACCOUNTING.

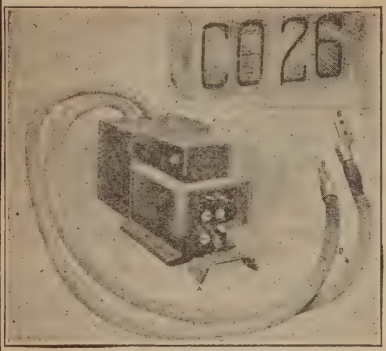
J. H. Bradbury, Compt.....Denver, Col
W. C. Logan, Gen. Aud..Ft. Worth, Tex
O. D. Weaver, Aud. Rev.. "
H. B. Ruch, Aud. Expend. "
W. B. Kellett, Frt. Clm. Agt. "
E. O. Walker. Car Acct... "

TRAFFIC.

J. A. Hulen. Traf. Mgr. Ft. Worth, Tex
W. F. Sterley, G. F. & P. A. "
F. A. Swenson, Asst. G. F. A. "
F. D. Daggett. Asst. G. P. A. "

OPERATING.

F. E. Clarity, V.-Pres. & Gen. Mgr.....Ft. Worth, Tex
S. A. Covington. Gen. Supt.....Wichita Falls, Tex
R. G. Fitzpatrick. Supt.. Childress, Tex
R. L. May, Supt. Trans..Ft. Worth, Tex
J. L. Heuritzy, Supt. Tel....Denver, Col
D. D. Dewey, Supt. Din. Cars. "



BURN a Permanent Brand Into Your Ties and Timbers with an AMERICAN Electric Tie and Timber Brander.

Write for particulars

New York
Chicago
Pittsburgh

AMERICAN
HOIST & DERRICK CO.
Saint Paul, Minn.

New Orleans
Seattle
San Francisco
St. Louis

PNEUMATIC GATE CO.

MANUFACTURERS OF

"ELLIOTT NEW STYLE"

PURELY

PNEUMATIC GATES

Now made in sizes to operate arms of any desirable length with ease and with satisfactory control.

When the view is sufficiently good, two or more crossings within the limits of 1,000 feet equipped with such gates can be readily operated by one man.

When a greater volume of compressed air than can be readily furnished by man power is required, the purely cylinder machinery admits of the use of power compressed air, either from a general or a special compressed air plant.

1921-33 S. FAIRFIELD AVENUE, CHICAGO

349—FT. WORTH & DENVER CITY—Continued.

PURCHASING.

¶W. C. Weldon, Pur. Agt.....Denver, Col
G. Baker, Gen. Str. Kpr...Childress, Tex

MECHANICAL.

J. Pfeiffer, Supt. M. P.....Ft. Worth, Tex
J. L. Roach, M. M.....Childress, Tex

ENGINEERING, BRIDGES & ROADWAY

R. C. Gowdy, Ch. Eng.....Denver, Col
W. H. Hess, Valua. Eng.... "
W. C. Allen, Asst. Valua. Eng.....Ft. Worth, Tex
M. A. Stainer, Eng. M. W. "
J. A. Brown, Supvr. B. & B. & W. S.....Childress, Tex
B. Violett Gen. Rd. Mast..Ft. Worth, Tex

ROAD MASTERS.

W. J. Brown.....Alvord, Tex
J. Moran.....Amarillo, Tex
A. W. Nicklaus..... "
T. F. Reilly.....Wichita Falls, Tex

350—FT. WORTH & RIO GRANDE RY. CO.

234 Mls, 7 Loco, Cars: 33 Frt, 7 Pass, 28 Misc

J. M. Kurn, Pres.....St. Louis, Mo
¶✪O. H. McCarty, V.-Pres. & Gen. Supt..... } Ft. Worth Tex.
R. B. Cochran, Asst. to V.-Pres. & Gen. Supt..... "
E. T. Miller Gen. Solr.....St. Louis, Mo
L. C. Wilds, Sec. & Treas. Ft. Worth, Tex
W. S. Hutchison, Aud.... "
W. C. Preston, Traf. Mgr. "
C. O. Jackson, Asst. G. F. & P. A..... "
J. H. Doggrell, Supt. Trans.....Springfield, Mo
J. H. Brennan, Supt. Tel. "
§J. W. Surles, M. M.....Sherman, Tex
G. W. Koontz, Div. Eng..Ft. Worth, Tex
C. D. Howard, Gen. For. B. & B..... "
C. L. Elliott, Rd. Mast. Brownwood, Tex
T. B. Cobb, Rd. Mast....Ft. Worth, Tex

351—FT. WORTH BELT RY. CO.

18 Mls, 7 Loco

F. W. Ellis, Pres.... } Union Stock Yds
A. R. Fay, 1 V.-Pres } Chicago, Ill.
✠A. G. Donovan, 2 V.-Pres. & Gen. Mgr.....Ft. Worth, Tex
E. R. Henry, Asst. Gen. Mgr. "
W. C. Walker, Sec. & Treas. "
J. A. Lovell, Traf. Mgr.... "
R. J. Lockett, Supt..... "
J. H. Jones, Car Acct .... "
¶E. C. Walsh, Pur. Agt..... "
G. K. Jackson, M. M..... "

352—

353—FRANKFORT & CINCINNATI RY. CO. 41 Mls, 3 Loco, Cars: 2 Pass, 1 Misc

Receivers appointed November 1, 1925.

R. S. Scott, Recr..... } Frankfort,
J. H. Switzer, Recr..... } Ky.
¶★✪C. Bowles, Asst. Gen. Mgr., Aud. for Recrs..... "
H. Mefford, Rd. Mast..... "

354—FRANKLIN & ABBEVILLE RY.

40 Mls, 2 Loco, Cars: 3 Misc

(Mileage included in So. Pac. Lines—La. Lines, No. 931.)

F. B. Williams, Pres..New Orleans, La
C. D. Kemper, Gen. Mgr....Franklin, La

For other officials see Morgan's La. & Texas R. R. Co., No. 651.

354a—FRANKLIN & PITTSYLVANIA RY. CO. 30 Mls, 1 Loco, Cars: 7 Frt

¶✠★✪N. P. Angle, Pres. & Gen. Mgr.....Rocky Mount, Va
C. S. Bennett, V.-Pres.....Toshes, Va
C. J. Davis, Treas.....Rocky Mount, Va
R. E. Ferguson, Aud. & Supt..... "

354b—FREDERICKSBURG & NORTHERN RY. CO. 24 Mls, 2 Loco, Cars: 1 Pass

J. L. Browne, Pres....San Antonio, Tex
¶★✠H. A. Ries, V.-Pres. & Gen. Mgr..... } Fredericksburg, Tex.
J. W. Greer, Aud..... "
A. L. Cameron, G. F. & P. A "
N. H. Browne, Gen. Live Stock Agt.....San Antonio, Tex

354c—FREDERICTON & GRAND LAKE COAL & RY. CO., THE
NEW BRUNSWICK COAL & RY. CO., THE

See New Brunswick C. & Ry. Co., No. 676a.

355—FREEO VALLEY R. R. CO.

Operation discontinued, 1925.

355a—FRENCH BROAD R. R. CO.

7 Mls, Equipment owned – none

★O. C. Griffith, Pres....Stackhouse, N. C
R. L. Hutchinson, V.-Pres. "
W. H. Baker, Jr., Treas.. "
G. West, Aud..... "
T. H. Griffith, Supt..... "

355b—FRESNO INTERURBAN RY. CO.

19 Mls, 2 Loco, Cars: 1 Motor

✪H. H. Sanborn, Pres. & Traf. Mgr..... } 1120 Balfour Bldg., San Francisco, Cal
A. B. Roehl, V.-Pres.... } "
D. C. Smith, Gen. Coun... "
G. H. Bradner, Sec. & Gen. Aud..... "
¶★✠A. H. Buckingham, Aud. & Supt.....Fresno, Cal

355x—FRISCO LINES.

5,484 Mls, 973 Loco, Cars: 36,891 Frt, 760 Pass, 1,175 Misc

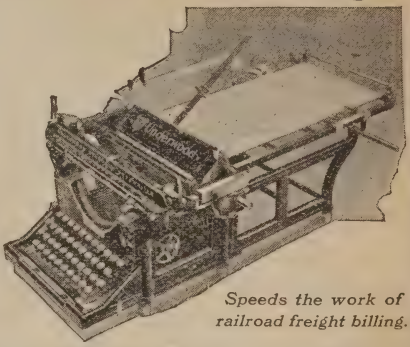
Mileage and equipment also shown separately for each road.

88—Birmingham Belt R. R.
112—Brownwood, North & South Ry. Co.
350—Ft. Worth & Rio Grande Ry.
739c—Paris & Great Northern R. R.
847—St. Louis—San Francisco Ry. Co.
859—St. Louis, San Francisco & Texas Ry

Speeds Railroad Billing

Underwood Continuous Fanfold Biller

THE Underwood Continuous Fanfold Biller makes one or twelve carbon copies—at one operation. The carbons are automatically fed into the continuous forms.



Speeds the work of railroad freight billing.

UNDERWOOD TYPEWRITER CO., INC.
Underwood Building **New York City**
Branches in all principal cities

TORCHWELD

Reg. U. S. Pat. Off.

"Quality Protects Profits"

CUTTING AND WELDING TORCHES

The Solution of Your Welding and Cutting Problems

TORCHWELD EQUIPMENT CO.
FULTON & CARPENTER STREETS
CHICAGO

356—GAINESVILLE & NORTHWESTERN R. R. CO.
37 Mls, 2 Loco, Cars: 4 Frt, 1 Pass
Receiver appointed Dec. 8, 1923.
¶✪J. D. Patterson, Recr. & Gen. Mgr.....Gainesville, Ga
E. Watkins, Gen. Coun.....Atlanta, Ga
F. P. Lockhart, Aud. & Traf. Mgr.....Gainesville, Ga
J. D. Flynn, Gen. Clm. Agt. "
E. Hughes, Car Acct.... "
F. W. Webb, Act. M. M.. "
J. T. Bullock, Act. Rd. Mast. Clermont, Ga

357—GAINESVILLE MIDLAND RY.
74 Mls, 6 Loco, Cars: 23 Frt, 8 Pass
Receivers appointed Feb. 15, 1921.
G. C. Carson, Recr. } 904 Oglethorpe Bldg. Savannah Ga.
¶★✠W. B. Veazey, Recr..Gainesville, Ga
G. H. Purvis, Aud..... "
H. H. Dean, Gen. Coun.. "
W. C. Walker, Traf. Mgr. "
T. J. Syfan, Car Acct.... "

358—GALESBURG & GREAT EASTERN R. R. 10 Mls, 1 Loco, Cars: 1 Pass
¶★✠W. D. Cook, Pres.....Victoria, Ill
C. C. Craig, V.-Pres..... "
C. V. Nelson, Sec. & Treas.. "

359—GALES CREEK & WILSON RIVER R. R. CO. 13 Mls, 2 Loco, Cars: 3 Frt, 1 Misc
W. F. Turner, Pres..... } Chamber of Com'ce Bldg., Portland, Ore
R. Crosbie, Sec. & Compt
J. E. Mang, Treas.....
R. W. Pickard, G. F. A.... "
A. J. Davidson, Gen. Mgr. "
G. E. Votaw, Supt..... "
E. E. Lillie, Supt. C.S. & Tel. "
¶E. Edwards, Pur. Agt.... "
J. Dickson, Supt. M. P.... "
C. E. Barnes, Mech. Eng.. "
D. I. Clough, M. M..... "
A. J. Witchel, Ch. Eng.... "

360—GALVESTON, HARRISBURG & SAN ANTONIO RY.
SAN ANTONIO & ARANSAS PASS RY.
2,129 Mls, 428 Loco, Cars: 10,235 Frt, 309 Pass, 546 Misc (Mileage and Equipment also included in So. Pac. Line-Texas Lines, No. 931a).
For officials see S. P. L., T. L., No. 931a.

361—GALVESTON, HOUSTON & HENDERSON R. R. CO.
50 Mls, 12 Loco, Cars: 32 Frt, 8 Pass, 16 Misc
G. W. Davison, Pres. } 80 Broadway, New York, N. Y.
J. H. Hill, V.-Pres..... } Galveston, Tex
¶G. G. Moore, V.-Pres. & Gen. Mgr., Sec. & Treas., Pur. Agt. "
M. M. Murray, Aud. & G.F. & P.A. "
P. J. Conley, M. M..... "
S. J. Maas, Res. Eng..... "
W. Holcomb, Gen. For. Rd.. "

361a—GALVESTON WHARF CO.
51 Mls, 8 Loco, Cars: 6 Frt, 2 Misc
E. E. Gossrau, Gen. Mgr. Galveston, Tex

362—GARDEN CITY WESTERN RY. CO., THE 14 Mls, 1 Loco, Cars: 30 Frt
J. Stewart, Pres. & Gen. Mgr..... } Garden City, Kan.
S. Penrose, V.-Pres. Colorado Spgs., Col
F. A. Gillespie, Sec. & Treas..... } Garden City, Kan.
¶W. B. Benson, Traf. Mgr... "
E. Stoeckly, Supt., M. M. & Ch. Eng..... "

362a—GARYVILLE NORTHERN R. R. CO. 35 Mls, 2 Loco, Cars: 2 Pass, 1 Misc
S. M. Bloss, Pres.....Garyville, La
¶★C. M. Weeks, V.-Pres..... "
W. J. Stebbins, Sec. & Treas. "
✠R. E. Slowey, Aud. & Traf. Mgr. "

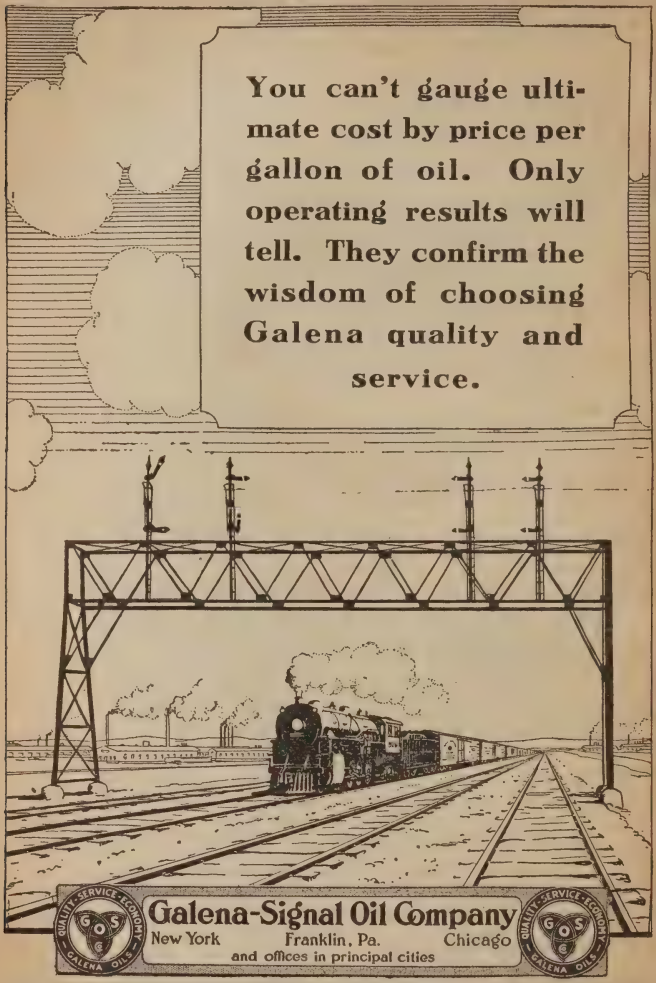
363—GENESEE & WYOMING R. R. CO.
18 Mls, 6 Loco, Cars: 3 Frt, 1 Pass, 2 Misc
M. B. Fuller, Pres.....Scranton, Pa
¶★✠✪H. C. Finch, V.-Pres. & Gen. Mgr.....Retsof, N. Y
H. J. Osborn, Sec..... } 2 Rector St., New York, N. Y.
W. H. Barnard, Treas..
✪W. H. Grove, Aud.....Retsof, N. Y

364—

365—GEORGIA & FLORIDA RY.
446 Mls, 31 Loco, Cars: 339 Frt, 30 Pass, 59 Misc
Receiver appointed March 28, 1919.
J. S. Williams, Recr..... } Augusta, Ga.
✪H. W. Purvis, Gen. Mgr. for Recr..... "
W. Blanchard, Treas..... "
M. T. Lanigan, Aud..... "
L. O. Todd, Asst. Aud..... "
W. O. Wall, Gen. Clm. Agt.... "
R. C. Hicks, Traf. Mgr..... "
D. F. Kirkpatrick, Asst. Traf. Mgr..... "
L. J. Rowell, Asst. Traf. Mgr.. "
J. E. Kenworthy, G. P. A..... "
I. R. White, Supt. C. S..... "
¶S. W. Saye, Asst. to Gen. Mgr. & Pur. Agt..... "
W. L. Graham, Supt..... "
Dr. W. H. Goodrich, Ch. Surg.. "
G. R. Baillie, Asst. Pur. Agt... "
M. H. Purvis, Str. Kpr.....Douglas, Ga
W. H. Dyer, Supt. M. P..... "
J. W. Moore, M. C. B..... "
H. B. Holmes, Ch. Eng.....Augusta, Ga
E. K. Hatten, Asst. Eng.... "
R. E. Mesnard, Asst. Eng... "
W. A. Johnson, Supvr. Constr. "
SUPERVISORS OF TRACK.
J. E. Akridge.....Vidalia, Ga
W. H. Heath.....Nashville, Ga
J. M. Lowe.....Augusta, Ga
G. B. Page.....Vidalia, Ga

366—GEORGIA, ASHBURN, SYLVESTER & CAMILLA RY. CO.
50 Mls, 2 Loco, Cars: 2 Pass
✪J. N. Pidcock, Pres. & Gen. Mgr.....Moultrie, Ga
F. R. Pidcock, V.-Pres..... "
¶C. W. Pidcock, Jr., Sec. & Pur. Agt..... "

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York • Chicago


You can't gauge ultimate cost by price per gallon of oil. Only operating results will tell. They confirm the wisdom of choosing Galena quality and service.
QUALITY SERVICE ECONOMY
GALENA OILS
Galena-Signal Oil Company
New York Franklin, Pa. Chicago
and offices in principal cities
QUALITY SERVICE ECONOMY
GALENA OILS

366—GEORGIA, ASHBURN, SYLVESTER & CAMILLA Continued.

J. R. Hackett, Treas. & Traf. Mgr.....Moultrie, Ga
J. J. Hill, Gen. Coun..... "
I. C. Johnson, Aud..... "
✠J. F. Hatfield, Supt..... "
L. G. Cox, Car Acct..... "
C. B. Patterson, M. M..... "

367—GEORGIA, FLORIDA & ALABAMA RY. CO.

194 Mls, 21 Loco, Cars: 161 Frt, 20 Pass, 29 Misc

J. L. Nisbet, Pres.....Atlanta, Ga
G. S. Johnston, V.-Pres. Statesboro, Ga
C. R. Shaw, 2 V.-Pres.....Quincy, Fla
¶ L. G. Papy, Sec. & Treas. Bainbridge, Ga
D. B. Scott, Aud..... "
A. B. Conger, Gen. Coun. "
W. A. Olliff, Traf. Mgr.. "
S. P. Wineman, Trav. Frt. & Pass. Agt..... "
W. P. Zipperer, Asst. G. F. A. "
✪R. B. Coleman, Gen. Mgr. "
T. A. Connor, Supt. Trans. "
C. H. Carter, Str. Kpr.... "
W. B. Reese, Gen. For. M. P. "
§ J. V. Wagoner, For. Car Dept..... "
L. V. Bean, Ch. Eng..... "
A. S. Ward, Rd. Mast..... "

368—GEORGIA NORTHERN RY. CO.

68 Mls, 8 Loco, Cars: 50 Frt, 9 Pass, 3 Misc

C. W. Pidcock, Pres..... } Moultrie, Ga.
¶ C. W. Pidcock, Jr., Asst. to Pres., Treas. & Pur. Agt..... "
✪F. R. Pidcock, Exec. V.-Pres. & Sec..... "
G. E. Smith, 2 V.-Pres..... "
J. R. Hackett, V.-Pres. & Traf. Mgr. "
J. J. Hill, Gen. Coun..... "
E. H. Lewis, Asst. Sec..... "
I. C. Johnson, Aud..... "
J. F. Hatfield, Supt. & Rd. Mast. "
L. G. Cox, Car Acct..... "
C. B. Patterson, M. M..... "

369—GEORGIA R. R.

329 Mls, 70 Loco, Cars: 1,607 Frt, 74 Pass, 59 Misc

✪C. A. Wickersham, Gen. Mgr. Atlanta, Ga
P. M. Boyce, Treas.....Augusta, Ga
J. J. O'Shea, Aud..... "
W. W. Hewett, Frt. Clm. Agt. "
R. C. Campbell, Term. Mgr..Athens, Ga
C. L. Wickersham, Term. Mgr.....Washington, Ga
H. R. Whitehead, Str. Kpr..Augusta, Ga
O. H. Attridge, M. M..... "
F. W. Douglas, M. M.....Atlanta, Ga
C. F. M. Bernhardt, Gen. For. Car Dept.....Augusta, Ga
J. T. Nash, For. Paint..... "
B. A. Guill, Supvr. B. & B ...Camak, Ga

SUPERVISORS TRACK.

W. D. West.....Camak, Ga
J. C. Williams..... .....Decatur, Ga

For other officials see Atlanta & West Point R. R., No. 41.

370—GEORGIA SOUTHERN & FLORIDA RY. CO.

See Southern Railway System, No. 927.

371—GEORGIA, SOUTHWESTERN & GULF R. R. CO.

36 Mls, 5 Loco, Cars: 12 Frt, 7 Pass

¶✠✪W. M. Legg, Pres. & Gen. Mgr..... } Albany, Ga.
A. D. Daniel, Act. Aud. & Local Treas..... "
C. C. Hill, Car Acct..... "
C. Hill, M. M..... "

372—GIDEON & NORTH ISLAND R. R. CO. 15 Mls, 4 Loco, Cars: 122 Frt, 2 Misc

✪W. P. Anderson, Pres.....St. Louis, Mo
J. C. Anderson, V.-Pres..... "
C. F. Meentemeyer, Sec.....Gideon, Mo
M. V. Mumma, Treas..... "
R. T. Stokes, Aud..... "
N. C. Anderson, Frt. Clm. Agt. "
J. A. Demeke, Traf. Mgr...St. Louis, Mo
★✠M. S. Anderson, Gen. Mgr..Gideon, Mo
¶ W. R. Anderson, Gen. Supt. "
W. O. Hunter, Supt..... "

373—GILMORE & PITTSBURGH R. R. CO. LTD., THE

120 Mls, 3 Loco, Cars: 74 Frt, 5 Pass

C. Donnelly, Pres.....St. Paul, Minn
H. A. Clifford, Treas..... "
F. W. Sweney, Compt..... "
¶★✠§W. N. Bichler, Mgr. Armstead, Mont

373a—GLENDALE & MONTROSE RY. (Electric).

12 Mls, 3 Loco, Cars: 2 Frt, 10 Pass, 1 Misc

Glendale address, 135 N. Glendale Ave.
Los Angeles address, Corporation Bldg.

G. Henshaw, Pres..San Francisco, Cal
L. C. Barton, V.-Pres...Los Angeles, Cal
G. A. Beckett, Sec. & Treas. "
W. Miller, Aud..... "
✠✪P. L. Hatch, Gen. Mgr.....Glendale, Cal
¶ C. E. Gring, Pur. Agt..Los Angeles, Cal
§ W. A. Mulligan, Mech. Supt. Glendale, Cal

374—GLENFIELD & WESTERN R. R. CO. 19 Mls, 2 Loco, Cars: 2 Misc

H. P. Gould, Pres.....Lyons Falls, N. Y
J. E. Campbell, V.-Pres.....Dexter, N. Y
G. M. B. Williams, Sec. & Treas.....Lyons Falls, N. Y
¶ C. W. Campbell, Gen. Mgr..Dexter, N. Y
★✠L. B. Johnson, G. F. & P. A. & Supt.....Glenfield, N. Y

375—GOSHEN VALLEY R. R.

11 Mls, Equipment owned—none.

Salt Lake City address, Walker Bk. Bldg.

E. J. Raddatz, Pres. & Treas..... } Salt Lake City, Utah
C. E. Loose, V.-Pres.....Provo, Utah
W. I. Snyder, Sec..... } Salt Lake City, Utah
¶ J. M. Beattie, Aud. & Pur. Agt..... "
J. Nilson, G. F. A..... "
★J. W. Wade, Gen. Supt. "

376—GRAFTON & UPTON R. R. CO. (Electric).

15 Mls, 2 Loco (Elec.), Cars: 14 Frt, 1 Misc

B. H. B. Draper, Pres....Hopedale, Mass
G. R. Foster, Treas..... "
¶★✠✪A. D. Johnson, Gen. Mgr., G. F. A. & Pur. Agt. "

RAILINE

Paints and Varnishes

FOR ALL PURPOSES

NOBRAC

For Steel Equipment and Bridges

MANUFACTURED BY

The Patterson-Sargent Co.

Cleveland Chicago New York
Kansas City St. Louis St. Paul

LOCOMOTIVE WORKS

We Repair and Rebuild
Locomotives, Tenders, Boilers

WE BUILD
Tenders, Steel Cabs and
Caboose Cars

FERGUSON-ALLAN COMPANY
(INCORPORATED)
BATAVIA, N. Y.
Contract Office—Fidelity Building, Buffalo, N. Y.

377—GRAHAM COUNTY R. R. CO.
12 Mls, 1 Loco, Cars: 3 Frt
¶✠H. C. Bemis, Pres. & Gen. Mgr.....Robbinsville, N. C
L. C. Bemis, V.-Pres.....Carmona, Tex
R. H. Montony, Sec., Aud.& G. F. A.....} Robbinsville, N. C
L. A. Dindinger, Treas..... "

378—GRAND PRAIRIE BRANCH R. R.
4 Mls, 3 G, 4 Loco, Cars: 85 Frt
S. C. Awbrey, Pres.....Kansas City, Mo
¶★✠W. A. Poe, Mgr.....Branch, Ark

378a—GRAND RAPIDS, GRAND HAVEN & MUSKEGON RY. (Electric).
48 Mls, Cars: 16 Frt, 23 Pass, 8 Misc
Grand Rapids address, 47-51 Pearl St.
W. K. Morley, Pres.....} Grand Rapids, Mich.
¶S.L. Vaughan, V.-Pres., Gen. Mgr. & Pur. Agt. "
L.A.Goodrich, Sec., Treas. & Traf. Mgr..... "
E. McHugh, Aud..... "
C. A. Sibert, M. M.....Fruitport, Mich
B. Rickerd, Rd. Mast... "

378b—GRAND RAPIDS, HOLLAND & CHICAGO RY.
See Michigan R. R. Co., No. 599b.

379—GRAND RIVER RY. CO.
21 Mls, 4 Loco, Cars: 13 Pass, 6 Misc
For officials see L.E. & No. Ry. Co., No. 503

380—GRAND RIVER VALLEY RY CO., THE (Electric).
26 Mls, 1 Loco, Cars: 10 Pass, 14 Misc
A. E. Carlton Pres.....} Colorado Springs, Col
S. Penrose, V.-Pres.....
C. L. Tutt, Sec. & Treas.... "
S. G. McMullin, Gen. Atty..} Grand Jct., Col.
J. Stewart, Gen. Mgr.....
¶A. E. Anderson, Gen. Supt... "
H. P. Smith, Supt..... "
J. Lave, M. M..... "
E. A. Grove, Rd. Mast..... "

—† GRAND TRUNK WESTERN RY. CO
See Canadian National Ry., No. 137g.

381—GRASSE RIVER R. R. CORP.
16 Mls, 4 Loco, Cars: 37 Frt, 2 Pass, 2 Misc
✪W. L. Sykes, Pres.....Conifer, N. Y
¶✠W. C. Sykes, V.-Pres. & Pur. Agt..... "
W. T. Turner, Sec. & Treas..Utica, N.Y
A. B. Campbell, Aud. & Traf. Mgr.} Marine Trust Bldg. Buffalo, N. Y.
G. W. Sykes, Gen. Mgr....Conifer, N. Y
R. O. Sykes, Supt..... "
J. L. Blesh, M. M..... "

381a—GRAYS HARBOR RY. & LIGHT CO. 11 Mls, Cars: 15 Frt, 18 Pass, 2 Misc
New York address, 52 William St.
E. N. Sanderson, Pres...New York, N.Y
✠C. H. Nichols, V.-Pres... "
¶W. W. Briggs, V.-Pres. & Gen. Mgr.....Aberdeen, Wash
J. Dunhill, Treas.....New York, N. Y
★W. S. Hill, Gen. Supt..Aberdeen, Wash

381b—GRAYSONIA, NASHVILLE & ASHDOWN R. R. CO.
45 Mls, 9 Loco, Cars: 110 Frt, 10 Pass, 4 Misc
✪C. M. Conway, Pres. & Gen. Mgr.....Texarkana, Ark
✪M. Walsh, V.-Pres. & Traf. Mgr.....Nashville, Ark
L. Heilbron, V.-Pres. & Ind. Comm.....Texarkana, Ark
J. K. Riffel, V.-Pres....Little Rock, Ark
C. H. Moses, Sec..... "
G. H. Bell, Treas.....} Nashville, Ark.
J. G. Sain, Gen. Atty.....
O. P. Bryant, Aud. & Car Acct. "
W. T. Gaunt, G. F. & P. A.... "
J. H. Skillern, Supt. & M. M.. "
Dr. W. H. Toland, Ch. Surg.. "
¶G.T. Conway, Pur. Agt..Texarkana, Ark
C. S. Christian, Ch. Eng..Nashville, Ark

381c—GREATER WINNIPEG WATER DISTRICT RY.
97 Mls, 4 Loco, Cars: 70 Frt, 6 Pass, 73 Misc
W. M. Scott, Chman.....} Winnipeg, Man.
H. Russell, Acct.....
W. B. Semmens, Supt. St. Boniface, Man
G. McFadden, Loco. For. "
H. Shand, Eng.....Winnipeg, Man

382—GREAT NORTHERN RY. CO.
8222 Mls, 1,400 Loco, Cars: 55,550 Frt, 1,158 Pass. 5,160 Misc

EXECUTIVE, FINANCIAL AND LEGAL.
L. W. Hill, Ch. of Board..St. Paul, Minn
R. Budd, Pres..... "
J. A. Lengby, Exec. Asst. "
W. P. Kenney, V.-Pres. & Dir. Traf..... "
C. O. Jenks, V.-Pres. (Oper.) "
E. T. Nichols, V.-Pres. & Asst. Sec.....New York, N. Y
G. R. Martin, V.-Pres.....St. Paul, Minn.
L. C. Gilman, V.-Pres....Seattle, Wash
M. L. Countryman, V.-Pres. & Gen. Coun.....} St. Paul, Minn.
E. F. Flynn, Asst. to V.-Pres. & Gen. Coun..... "
F. L. Paetzold, Sec. & Treas.... "
N. Terhune, Asst. Sec. & Asst. Treas.....New York, N. Y
R. C. Patterson, Asst. Sec.....} St. Paul, Minn.
F. G. Dorety, Gen. Solr.....
A. L. Janes, Asst. Gen. Coun... "
R. J. Hagman, Asst. Gen. Solr. "
J. T. Maher, R. of W., Land & Tax Com..... "
D. H. Kimball, Clms. Atty..... "

ACCOUNTING.
G. H. Hess, Jr., Compt.....} St. Paul, Minn.
J. A. Sandberg, Deputy Compt.
W. S. Montgomery, Asst. Compt. "
J. H. Boyd, Asst. Compt..... "
W. M. Burn, Statis..... "
V. P. Turnburke, Gen. Aud.... "
H. K. Dougan, Asst. Gen. Aud.. "
C. W. Tilton, Asst. Gen. Aud... "
J. U. Haley, Aud. Miscl. Companies..... "
H. J. Sturner, Aud. Disb..... "
E. J. Willis, Aud. Frt. Rec..... "

¶ Officer in charge of Purchase of Supplies.
§ Indicates Officer in charge of Car or Locomotive Painting.
★ Officer in charge of Mechanical Work, where the fact is not indicated by his title

SYMINGTON SPECIALTIES

FARLOW DRAFT ATTACHMENTS
FOR SPRING OR FRICTION DRAFT GEAR

CERTIFIED MALLEABLE IRON
AND SEMI-STEEL

JOURNAL BOXES
FOR FREIGHT AND PASSENGER
EQUIPMENT AND LOCOMOTIVES

GOULD AUTOMATIC BRAKE-SLACK ADJUSTER

MISCELLANEOUS CASTINGS
OF
CERTIFIED MALLEABLE IRON
FOR
CARS AND LOCOMOTIVE PARTS

THE SYMINGTON COMPANY
NEW YORK CHICAGO BALTIMORE
BOSTON MONTREAL
WORKS: ROCHESTER, N. Y.

382—GREAT NORTHERN—Continued.

C. F. Barthelheim, Asst. Aud. Frt. Rec. ..... St. Paul, Minn.
L. A. Malmgren, Aud. Pass. Rec. ..... "
L. R. Smith, Aud. Sta. Accts. ..... "
H. F. Bayer, Aud. Cap. Ex. ..... "
F. G. Sprain, Aud. Overcharge Clms. ..... "
R. L. Knebel, Aud. Car Rec. ..... "
J. H. Kaufman, Aud. Insur. Bur. ..... "
J. A. Nelson, Ch. Frt. Clm. Agt. ..... "

FREIGHT CLAIM AGENTS.

W. H. Fortier ..... Spokane, Wash
H. J. Lanoux (Asst.) ..... St. Paul, Minn
E. C. Lewis ..... "
G. L. Seibert ..... Seattle, Wash

TRAFFIC.

W. P. Kenney, V.-Pres. & Dir. Traf. ..... St. Paul, Minn.
G. H. Smitton, Frt. Traf. Mgr. ..... "
H. H. Brown, Asst. Frt. Traf. Mgr. ..... "
M. J. Costello, Western Traf. Mgr. ..... Seattle, Wash
P. H. Burnham, G. F. A. ..... St. Paul, Minn

ASSISTANT GENERAL FREIGHT AGENTS.

P. B. Beidelman ..... St. Paul, Minn
H. G. Dow ..... New York, N.Y
A. J. Grummett ..... Seattle, Wash
B. S. Merritt ..... "
F. H. Parker ..... St. Paul, Minn
W. J. Power ..... Duluth, Minn
J. Robinson ..... St. Paul, Minn
T. J. Shea ..... Chicago, Ill
J. F. Pewters, Asst. G. F. & P. A. ..... Helena, Mont
A. J. Dickinson, Pass. Traf. Mgr. ..... St. Paul, Minn
E. H. Wilde, G. P. A. ..... "

ASSISTANT GENERAL PASSENGER AGENTS.

F. L. Holmes ..... St. Paul, Minn
C. W. Meldrum ..... Seattle, Wash
H. A. Noble ..... St. Paul, Minn
F. A. Hills, Gen. Bag. Agt. ..... St. Paul, Minn

OPERATING.

C. O. Jenks, V.-Pres. ..... St. Paul, Minn.
D. J. Kerr, Asst. to V.-Pres. ..... "
J. A. Cochrane, Asst. to V.-Pres. ..... "
F. Bell, Gen. Mgr. ..... "
J. H. O'Neill, Gen. Mgr. ..... Seattle, Wash

GENERAL SUPERINTENDENTS.

F. S. Elliott ..... Spokane, Wash
F. J. Gavin ..... Duluth, Minn
W. R. Smith ..... Great Falls, Mont

DIVISION SUPERINTENDENTS.

J. L. Close ..... Grand Forks, N. D
J. M. Doyle ..... Spokane, Wash
D. J. Flynn ..... Superior, Wis
J. A. Frogner ..... Willmar, Minn
F. D. Kelsey ..... Minneapolis, Minn
A. E. Knights ..... Havre, Mont
M. C. La Bertew ..... Whitefish, Mont
R. A. McCandless ..... Minot, N. D
C. McDonough ..... Everett, Wash
F. Wear ..... Great Falls, Mont

ASSISTANT DIVISION SUPERINTENDENTS.

——, ... Superior, Wis
H. E. Jones ..... Minneapolis, Minn
B. Lantry ..... Marcus, Wash
H. R. Neide ..... St. Cloud, Minn
J. S. Watson ..... Billings, Mont

J. C. Roth, Gen. Supt. Trans. ..... St. Paul, Minn
A. L. Bergfeld, Supt. Trans. ..... "

ASST. SUPERINTENDENTS TRANS.

J. B. Smith ..... St. Paul, Minn
J. P. Sullivan ..... Seattle, Wash
J. C. Rankine, Supt. Tel. ..... St. Paul, Minn.
J. H. McGlogan, Asst. Supt. Tel. ..... "
A. W. McKay, Asst. Supt. Tel. ..... Spokane, Wash
J. A. Blair, Gen. Supt. Din. Sleep. Cars ..... St. Paul, Minn.

SUPTS. DINING AND SLEEPING CARS.

L. E. Henderson ..... Seattle, Wash
L. W. Lewis ..... St. Paul, Minn
J. H. Maurstad, Supt. Board-ing Cars ..... Hillyard, Wash.
D. W. Morison, Supt. Employ. Bureau ..... St. Paul, Minn.
C. L. La Fountaine, Gen. Safety, Supvr. ..... "
Dr. R. C. Webb, Ch. Surg. ..... "

PURCHASING.

F. A. Bushnell, Pur. Agt. ..... St. Paul, Minn.
F. I. Plechner, Asst. Pur. Agt. ..... "
A. H. Lillengren, Asst. Pur. Agt. ..... "
O. H. Wood, Asst. Pur. Agt. ..... Seattle, Wash
C. E. Evleth, Lumber & Fuel Agt. ..... St. Paul, Minn.

GENERAL STORE KEEPERS.

H. Hayes ..... St. Paul, Minn.
G. E. Tallmadge, (Asst.) ..... "
E. Thraff, (Asst.) ..... Hillyard, Wash

DISTRICT STORE KEEPERS.

B. Beeth ..... St. Paul, Minn
E. Carlson (Asst.) ..... St. Cloud, Minn
T. J. Clancy ..... Havre, Mont
G. B. Hoult ..... Devils Lake, N. D
W. O. Lechner ..... Everett, Wash
A. J. Munn ..... Superior, Wis
A. L. Nelson ..... Hillyard, Wash
R. Steel ..... Great Falls, Mont
G. R. Watland ..... St. Cloud, Minn

DIVISION STORE KEEPERS.

E. A. Casey ..... Willmar, Minn
J. E. Cullen ..... Whitefish, Mont
F. H. Lindenberg ..... Grand Forks, N. D
A. W. Nelson ..... Minot, N. D
E. E. Pike ..... Minneapolis Jct., Minn. P. O. Minneapolis.

MECHANICAL.

W. Kelly, Gen. Supt. M. P. ..... St. Paul, Minn.
F. M. Fryburg, Asst. to Gen. Supt. M. P. ..... "
H. Yoerg, Supt. M. P. ..... "
J. J. Dowling, Supt. M. P. ..... Spokane, Wash
W. R. Wood, Mech. Eng. ..... St. Paul, Minn.
W. H. Elsner, Asst. Mech. Eng. ..... "
E. Marshall, Elec. Eng. ..... "

GENERAL MASTER MECHANICS.

T. J. Clark ..... Spokane, Wash
A. B. Ford ..... Superior, Wis

MASTER MECHANICS.

D. K. Auman ..... Willmar, Minn
F. J. Bauer ..... Spokane, Wash
S. G. Clark ..... Minot, N. D
E. English ..... Everett, Wash
A. T. Ensley ..... Superior, Wis
A. J. Halliday ..... Great Falls, Mont
E. C. Huffman ..... St. Cloud, Minn

Shaw Electric Traveling Cranes
Putnam Machine Tools
Ashcroft Gauges
Consolidated Safety Valves
Hancock Inspirators and Valves
Metropolitan Injectors

Manufactured by

Manning, Maxwell & Moore, Inc.

MANNING MAXWELL & MOORE INC. M&M TRADE MARK

3-M SERVICE

A broad, comprehensive service covering many fields of Industry has made the 3-M trade mark known throughout the mechanical world. In addition to the manufactured products specified above the 3-M Service includes the distribution of Railway, Mill, Machinist and Contractor's Supplies, as well as a complete line of Machine Tools of other manufacturers.

To demonstrate the practical advantage of 3-M Service we await an indication of your interest in some product or group of products which we make or market.

100 East 42nd Street, New York

Branch Offices:

Birmingham
Boston
Buffalo
Chicago
Cleveland
Detroit
Philadelphia
Pittsburgh
San Francisco
Seattle
St. Louis

382—GREAT NORTHERN—Continued.

MASTER MECHANICS—CONTINUED.

W. Lowney.....Whitefish, Mont
C. E. McLaughlin.....Grand Forks, N. D
E. M. Mortimer.....Minneapolis, Minn
D. O'Neill.....Havre, Mont

TRAVELING ENGINEERS.

J. M. Carroll.....Superior, Wis
H. E. Donaldson.....Breckenridge, Minn
E. L. Ebbighausen.....Minot, N. D
P. G. Fritz.....St. Paul, Minn
W. J. Higgins.....Superior, Wis
E. M. McKusick.....Willmar, Minn
F. D. McNaughton.....Crookston, Minn
P. Merwin.....Wolf Point, Mont
W. A. Morrison.....Whitefish, Mont
J. Muldowney.....Grand Forks, N. D
A. A. Nugent.....Everett, Wash
N. Osgard.....Sioux City, Ia
S. Pickett.....Everett, Wash
R. R. Schule.....Havre, Mont
H. B. Sharer.....Rexford, Mont
A. N. Sheridan.....Minot, N. D
J. M. Smith.....Hillyard, Wash
R. Stone.....Great Falls, Mont
S. H. Totten.....
W. L. Towne.....St. Cloud, Minn
H. Von Erickson.....Hillyard, Wash
V. E. Young.....Willmar, Minn

C. H. Putnam, M. C. B...St. Paul, Minn
P. P. Barthelemy, Asst. M. C. B.....
J. O. Meyer, Chemist.....

SUPERINTENDENTS OF SHOPS.

L. Gaul.....Everett, Wash
J. C. Heron.....St. Paul, Minn
J. M. Hurley.....Hillyard, Wash
F. C. Lindt.....St. Cloud, Minn
A. H. Malenke.....Great Falls, Mont
D. McGougan.....Havre, Mont
T. F. McMahon (Car)...St. Paul, Minn
A. C. Rinker.....Superior, Wis
J. G. Treacy, Gen. For. Devils Lake, N. D
C. C. Ferguson, Gen. Air Brake Inst'r.....St. Paul, Minn

LOCOMOTIVE FOREMEN.

J. Anderson.....New Rockford, N. D
W. R. Bell.....Vancouver, B. C
D. S. Billsborough.....Walton, Mont
W. H. Coleman.....Williston, N. D
T. E. Collier.....Oroville, Wash
H. J. Craswell.....Sioux City, Ia
C. H. Cummings.....Sioux Falls, S. D
J. D. Davis.....Hillyard, Wash
E. Fahnlander.....Fargo, N. D
W. E. Fox.....Rugby, N. D
G. Gordon.....{ Redland, Minn. / P. O. Crookston
M. F. Gosswiller.....Troy, Mont
W. L. Gueffrey.....Yankton, S. D
A. T. Hannah.....Ihlen, Minn
J. B. Haslet.....Willmar, Minn
E. A. Horn.....Marcus, Wash
L. C. Johnson.....Huron, S. D
T. M. Kearney.....Allouez, Wis
M. Lestina.....St. Paul, Minn
C. C. Mackenroth.....Minot, N. D
O. J. Mackenroth.....Wolf Point, Mont
J. Maloney.....Cut Bank, Mont

LOCOMOTIVE FOREMEN—CONT'D.

J. E. Martin.....Havre, Mont
A. D. McCharles.....Great Falls, Mont
H. McComb.....Barnesville, Minn
W. P. McDonough.....Delta, Wash
W. McIntosh.....Butte, Mont
H. C. McPherson.....St. John, N. D
J. Q. Myers.....Grand Forks, N. D
A. B. Newgard.....St. Cloud, Minn
W. S. Newgard.....Devils Lake, N. D
C. L. O'Donnell.....Whitefish, Mont
L. O'Laughlin.....Casselton, N. D
C. J. Peters.....Sandstone, Minn
A. Peterson.....Kelly Lake, Minn
J. N. Rohde.....Bainville, Mont
E. Riley.....Interbay, Wash
D. J. Ritchie.....Breckenridge, Minn
C. H. Sundstrom.....Skykomish, Wash
F. B. Slavin.....{ Appleyard, Wash / P. O. Wenatchee
J. M. Stubblefield.....Rexford, Mont
A. J. Wallace.....Superior, Wis
C. C. Wamsley.....Watertown, S. D
A. G. Wemyss..Minneapolis Jct., Minn
W. Yanda.....Cass Lake, Minn

J. H. Harrison, Gen. Car For.....Hillyard, Wash

CAR FOREMEN.

J. Arnot.....Nelson, B. C
J. R. Bailey.....Sioux City, Ia
W. Barrett.....Whitefish, Mont
T. Bates.....{ Appleyard, Wash / P. O. Wenatchee
H. Bolz.....Portage La Prairie, Man
C. S. Brown.....Interbay, Wash
J. F. Bruce.....Bonners Ferry, Ida
W. E. Butcher.....Rexford, Mont
E. R. Campbell..{ Minnesota Transfer, St. Paul, Minn.
F. Cebulla.....Superior, Wis
L. E. Christie.....Casselton, N. D
P. Dillon.....Seattle, Wash
R. Erickson.....Aberdeen, S. D
E. Finder.....{ Redland, Minn / P. O. Crookston
T. Fonfara.....Superior, Wis
F. M. Fowler.....Allouez, Wis
D. J. Frederick.....Watertown, S. D
G. J. Gillard.....Cut Bank, Mont
W. B. Hahn.....Anacortes, Wash
F. W. Halsman.....Butte, Mont
R. Hill.....Republic, Wash
E. E. Hopkins.....Tacoma, Wash
H. Jeffrey.....Grand Forks, N. D
A. Jendritza.....Fargo, N. D
N. A. Jensen.....Willmar, Minn
O. Jenstead.....Larimore, N. D
F. Karl.....Kelly Lake, Minn
A. J. Kunz.....Marcus, Wash
H. McCaustland.....Delta, Wash
J. T. McGee.....Hillyard, Wash
F. Miotke.....Great Falls, Mont
A. Munson.....Clancy, Mont
J. Oddy.....Winnipeg, Man
K. J. Olson.....Breckenridge, Minn
W. Paquette.....Vancouver, B. C
P. Parchen.....Duluth, Minn
H. Partridge.....Spokane, Wash
A. D. Paulson.....New Rockford, N. D

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

The Waugh Draft Gear

PROTECTS YOUR CARS

Different combinations will furnish from 200,000 to 600,000 pounds spring cushion in from 2" to 3" draw bar travel, as desired. **NO RECOIL.**

Applicable to any sill spacing, eliminates slack. **Reduces cost of repairs 50 per cent.** Prevents spreading of sills, swedging of bolts, breaking of knuckles, etc. Easy of action, and of a capacity that will cushion blows which wreck cars equipped with other gears.

Are you ready to be shown?

WAUGH EQUIPMENT CO.

122 South Michigan Avenue -:- CHICAGO

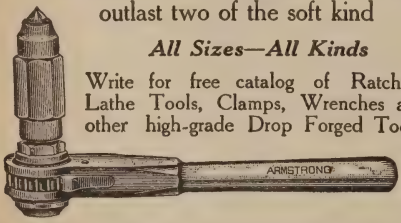
ARMSTRONG RATCHET DRILLS and DRILLING POSTS

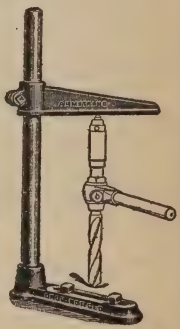
ARE ALL STEEL—NO CASTINGS

Ratchets are hardened all over and will outlast two of the soft kind

All Sizes—All Kinds

Write for free catalog of Ratchets, Lathe Tools, Clamps, Wrenches and other high-grade Drop Forged Tools.





Armstrong Bros. Tool Co.
"The Tool Holder People"
310 N. Francisco Ave.
Chicago, Ill.

—GREAT NORTHERN—Continued.

CAR FOREMEN—CONTINUED.

. Pearson.....Hillyard, Wash
. Pender.....Barnesville, Minn
. J. Pickus.....Minot, N. D
. L. Poole.....New Westminster, B. C
. W. Rasmussen.....Fridley, Minn
. P. Schmidt.....St. Cloud, Minn
O. Sedgwick.....Kalispell, Mont
Sheridan.....Skykomish, Wash
F. Smith.....Bellingham, Wash
. Smith.....Williston, N. D
L. Sowa.....Havre, Mont
Spoden.....St. Cloud, Minn
Swanson.....St. Paul, Minn
A. Tetu..... "
Trocinski.....Lewistown, Mont
West.....Wilson Creek, Wash
B. Wilson.....Judith Gap, Mont
Zontek.....Devils Lake, N. D

FOREMAN PAINTERS.

. Aker.....Superior, Wis
Dunnum.....St. Paul, Minn
J. Moore.....Everett, Wash
J. Watson.....St. Paul, Minn
. C. Watts.....Hillyard, Wash
L. Wenstrom.....St. Cloud, Minn

INEERING, BRIDGES & ROADWAY

R. W. Davis, Ch. Eng..St. Paul, Minn
W. Nye, Asst. Ch. Eng..... "
Mears, Asst. Ch. Eng..Seattle, Wash
S. Bowen, Asst. to Ch. Eng. } St. Paul,
F. Hamilton, Asst. to Ch. } Minn.
Eng..... "
A. Bohland, Bridge Eng..... "
S. Freeman, Office Eng..... "
H. Hogeland, Consit. Eng... "
V. DeGeer, Eng. WaterServ... "
H. Goos, Insp. Eng..... "
S. Hubley, Insp. Eng. Wood
reserv..... "
D. McMahon, Arch..... "

DISTRICT ENGINEERS.

E. Adams.....Spokane, Wash
J. Seyton.....Duluth, Minn

E. Yeomans, Div.
ng.....Grand Forks, N. D

GENERAL MASTER CARPENTERS.

. Johnson.....Spokane, Wash
Mills.....St. Paul, Minn

MASTER CARPENTERS.

. Beese.....Wilmar, Minn
. Coleman.....Havre, Mont
Dahl (Asst.).....Marcus, Wash
Finnis.....Minot, N. D
F. Imholt.....Everett, Wash
Johnson.....Great Falls, Mont
Lindsay.....Superior, Wis
. Martin.....Whitefish, Mont
. Mathews.....Grand Forks, N. D
McNulty (Asst.)..Minneapolis, Minn
Strand (Asst.).....Minot, N. D
Toreson.....Spokane, Wash
Winke.....Minneapolis, Minn

GENERAL ROAD MASTERS.

. Hess.....Seattle, Wash
. Smart.....St. Paul, Minn

DIVISION ROAD MASTERS.

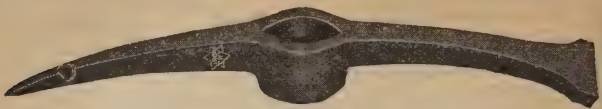
J. Branley.....Minneapolis, Minn
T. R. Conners.....Great Falls, Mont
T. Deighton.....Whitefish, Mont
F. C. Hanneman.....Spokane, Wash
F. H. Hansen.....Grand Forks, N. D
C. Hara.....Willmar, Minn
R. S. Kniffen.....Superior, Wis
J. Laughlin.....Grand Forks, N. D
A. Mitguard.....Havre, Mont
T. Riley.....Everett, Wash
C. Sundstrom.....Minot, N. D

DISTRICT ROAD MASTERS.

S. Allen.....Burlington, Wash
E. Anderson.....Wolf Point, Mont
G. Anderson.....Spokane, Wash
L. Anderson..... Crookston, Minn
A. M. Bean.....Judith Gap, Mont
G. Blacksteth.....Glasgow, Mont
E. W. Buttenoff.....Clancy, Mont
J. Campbell.....Great Falls, Mont
J. Check.....Williston, N. D
C. Christenson.....Great Falls, Mont
J. B. Clapp.....Hillyard, Wash
J. Czock.....Minneapolis, Minn
W. Eastman.....Conrad, Mont
M. Erickson.....Watertown, S. D
A. Fiala.....Berthold, N. D
H. Forberg.....Barnesville, Minn
L. J. Gilmore.....Kelly Lake, Minn
J. Goodrie.....Grafton, N. D
J. Goulden (Act.).. } Tye, Wash. P. O. Wellington
M. Haley.....New Rockford, N. D
J. Hanson.....Churches Ferry, N. D
F. J. Heinen.....St. Cloud, Minn
C. Holverson.....Cass Lake, Minn
R. Hughes.....Bellingham, Wash
P. Jensen.....Superior, Wis
C. Johnson.....Whitefish, Mont
F. Krona.....Havre, Mont
A. C. Larson.....Brookston, Minn
F. A. Larson.....Rexford, Mont
J. Lukoskie.....Park Rapids, Minn
S. Lund.....Grand Forks, N. D
F. McCarthy.....Devils Lake, N. D
T. Mika.....Sioux City, Ia
P. Nelson.....Morris, Minn
F. A. Nolan.....Breckenridge, Minn
T. Olds.....Marcus, Wash
J. O'Leary.....Minneapolis, Minn
J. Peterson.....Crookston, Minn
H. M. Petry.....Essex, Mont
C. Ralter.....Rutland, N. D
C. Rasmussen.....Willmar, Minn
E. Robinson.....Bainville, Mont
S. Roper.....Oroville, Wash
C. Rutherford.....Wenatchee, Wash
J. Shober.....Sandstone, Minn
P. Skurdahl.....Larimore, N. D
A. Solga.....Rugby, N. D
J. A. Sullivan.....Casselton, N. D
J. Torkelson.....Everett, Wash
J. Wallen.....Great Falls, Mont
P. Westergard.....Rugby, N. D
H. Yseth.....Sioux Falls, S. D

SIGNAL DEPARTMENT.

C. A. Dunham, Supt. Sig..... } St. Paul,
H. E. Brashares, Asst. Supt. Sig. } Minn.
C. B. Cargile, Sig, Office Eng... "



TRACK & SHOP TOOLS

PICKS

Clay - Tamping - Loco Coal

BARS

Tamping - Crow - Lining - Claw

SLEDGES

Striking - Blacksmith - Stone

CHISELS

Track Chisel - Octagon Chipping

TONGS

Rail - Tie - Rivet - Blacksmiths

HAMMERS

Engineers - Striking - Napping

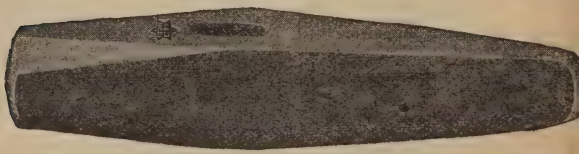
WRENCHES

Forged Steel Track - Structural

Blacksmith Anvil Tools

IRON CITY TOOL WORKS

PITTSBURGH, PA.



2—GREAT NORTHERN—Continued.
SIGNAL SUPERVISORS.
E. Bishop.....Minneapolis, Minn
Miller.....Spokane, Wash
V. E. Shepherd.....Whitefish, Mont
ASSISTANT SIGNAL SUPERVISORS.
A. Gathman.....Minot, N. D
G. Johnson.....Wenatchee, Wash
Marshall.....Superior, Wis
P. Melby.....Everett, Wash
H. Pond.....Whitefish, Mont
V. Powell.....Willmar, Minn
F. Rapatz.....Havre, Mont

3—GREAT SOUTHERN R. R. CO.
41 Mls, 2 Loco, Cars: 25 Frt, 2 Pass, 1 Misc
rtland address, Morrison & Alder Sts.
✠✪J. G. Heimrich, Pres., { The Dalles,
Treas., Gen. Mgr. & Pur. Agt { Ore.
L. Meier, V.-Pres..... Portland, Ore
A Hull, 2 V.-Pres..... Seattle, Wash
W. Joseph, Sec..... Portland, Ore
Froembling, Aud..... The Dalles, Ore

4—GREAT WESTERN RY. CO., THE
5 Mls, 8 Loco, Cars: 155 Frt, 3 Pass, 15 Misc
Denver address, Sugar Bldg.
L. Petrikin, Pres..... { Denver,
R. Griffin, 1 V.-Pres..... { Col.
& Gen. Mgr..... "
D. Lippitt, 2 V.-Pres..... "
P. Saunders, Sec. & Aud..... "
D. Thatcher, Treas, ... Pueblo, Col
Martin, Gen. Atty..... Denver, Col
J. Miller, Pur. Agt..... "
C. E. Angove, Supt..... Loveland, Col
—

—GREEN BAY & WESTERN R. R.
Mls, 29 Loco, Cars: 895 Frt, 32 Pass, 33 Misc
New York address, 40 & 42 Wall St.
B. Seymour, Pres.... Green Bay, Wis
Palmer, V.-Pres..... New York, N.Y
W. Cox, Sec. & Treas. "
C. Thurman, Gen. Aud. { Green Bay,
P. Wohlfeil, Asst. Gen. { Wis.
Aud..... "
R. Bolles, Traf. Mgr..... "
C. Jorgensen, Asst. Traf.
Mgr..... "
H. Smith, Gen. Mgr..... "
M. Dingman. Supt..... "
J. Stewart, Car Acct..... "
F. Blood, Pur. Agt..... "
A. Stinson, Str. Kpr..... "
Becker, M. M..... "
S. Halladay, Ch. Eng..... "
M. White, Rd. Mast..... "

a—GREENBRIER & EASTERN R.R.
CO. 12 Mls, 2 Loco, Cars: 2 Frt, 2 Pass
B. Crichton, Pres..... Johnstown, Pa
M. Keatley, V.-Pres. Charleston, W. Va
W. G. Crichton, Sec.,
Treas., G. F. & P. A. &
Gen. Mgr..... Crichton, W. Va
W. Scott, Gen. Coun.. Washington, D.C
J. Rains, Aud..... Crichton, W. Va

b—GREENBRIER, CHEAT & ELK
R. R. 43 Mls, 10 Loco, Cars: 175 Frt, 7 Mics
W. Luke, Pres..... { 200 Fifht Ave.,
L. Luke, V.-Pres.,. { New York, N. Y
G. E. Nelson, Sec..... { 200 Fifth Ave.,
A. K. Luke, Treas..... { New York, N. Y
¶ J. S. Mathews, Aud. & Pur. Agt. Cass, W. Va
✠E. P. Shafter, Gen. Mgr..... "
E. J. Shafer, M. M..... "

387—GREENE COUNTY R. R. CO., THE
20 Mls, 1 Loco, Cars: 1 Pass
F. Greene, Pres..... Atlanta, Ga
J. C. Knapp, Sec. & Treas... "
¶★✠R. L. Mobley, Gen. Mgr. Monroe, Ga
N. Webster, Aud..... "
R. C. Copeland, Traf.
Mgr..... Montgomery, Ala

388—GREENVILLE & NORTHERN
RY. CO.
23 Mls, 2 Loco, Cars: 35 Frt, 2 Pass, 1 Misc
Chicago address, 208 So. La Salle St.
F. E. Gary, Pres..... Chicago, Ill
W. A. Graff, V.-Pres..... "
¶★F. G. Hamblen, V.-Pres.. { Greenville,
Sec. & Gen. Mgr..... { S. C.
C. E. Siddall, Treas..... Chicago, Ill
M. F. Longenbach, Aud. Greenville, S.C
H. T. Rawson, Rd. Mast.. "

389—GREENWICH & JOHNSONVILLE
RY. CO. 31 Mls, 2 Loco
F. J. Scully, Supt..... Greenwich, N.Y
For other officials see D. & H. Co. No. 274.

390—

391—GROVETON, LUFKIN & NORTH-
ERN RY. CO.
78 Mls, 4 Loco, Cars: 102 Frt, 2 Pass
Chicago address, 332 So. Michigan Ave.
J. S. Joyce, Pres..... Chicago, Ill
C. L. Carter, V.-Pres..... Houston, Tex
L. P. Atmar, Treas..... { Groveton,
J. W. Mitchell, Aud. & Car { Tex.
Acct..... "
D. G. Joyce, Gen. Mgr..... Chicago, Ill
★✠E. Ford, Asst. Gen. Mgr. Winnfield, La
¶ $✪R. D. Crow, Supt. & G. F.
& P. A..... Groveton, Tex

392—GULF & NORTHERN RY. CO.
15 Mls, 1 Loco, Cars: 1 Pass, 1 Misc
J. H. Keefe, Pres. { 80 E. Jackson Blvd.,
{ Chicago, Ill.
J. W. Link, V.-Pres..... Houston, Tex
B. F. Bonner, V.-Pres..... "
¶★✠G. L. Robinson, V.-
Pres., Aud. & Supt..... Wiergate, Tex
W. T. Hancock, V.-Pres &
Traf. Mgr..... Houston, Tex
F. Pasche, Sec..... "
G. F. Howard, Treas..... "
F. Andrews, Gen. Coun... "

393—GULF & SABINE RIVER R. R. CO
16 Mls, 6 Loco, Cars: 96 Frt, 2 Pass, 18 Misc
✪S. H. Fullerton, Pres..... St. Louis, Mo
R. Fullerton, Jr., V.-Pres.. "
C. W. Reighard, Sec..... "
L. W. Bonnell, Treas..... "
G. W. Peabody, Aud..... Fullerton, La
¶ J. Crawford, Gen. Mgr..... "
L. J. Boykin, G. F. A..... Houston, Tex
✠C. Kennison, M. M..... Fullerton, La

A SPECIAL SALES AND ENGINEERING SERVICE

Our Manufacturers and Their Products

LINE MATERIAL COMPANY
Line materials
High tension switches
High tension fuses

ILLINOIS ELECTRIC PORCELAIN COMPANY
Porcelain insulators for every application

HOWELL ELECTRIC MOTORS COMPANY
Polyphase induction motors ½ to 100 H. P.

KUHLMAN ELECTRIC COMPANY
Transformers

FANSTEEL PRODUCTS COMPANY, INC.
Balkite Electrolytic Rectifiers

MATTHEWS ENGINEERING COMPANY
Gas-electric sets
Emergency Switches

KULP THEFT-PROOF LAMP COMPANY
Kulp theft-proof lamps

SANGAMO ELECTRIC COMPANY
Ampere hour meters

SOUTHERN SIGNAL COMPANY
Signal accessories

REINFORCED SWITCH & MFG. CO.
Reinforced switch and fuse contacts

—An Aid to Railway Engineering and Purchasing Officials

Through the combined efforts of the Engineering and Production staffs of the various Companies listed on this page, and the E. A. LUNDY COMPANY, products of known merit are offered to the railroads.

These Companies have for years been specialists in their respective lines and through our organization, will work with the Engineering and Purchasing officials in developing materials and apparatus to meet the requirements of the railroads, by incorporating into such materials and apparatus, the ideas and suggestions of the railway men.

We would appreciate the opportunity of serving you in connection with your signal, electrical and telegraph requirements.

Railway Sales and Service by

E. A. Lundy Company

A NATIONAL SALES & ENGINEERING SERVICE for RAILWAYS

Fulton Bldg., Pittsburgh, Pa. | Harrison Bldg., Philadelphia, Pa. | Marquette Bldg., Chicago, Ill.

4—GULF & SHIP ISLAND R. R. CO.
For officials see I. C. Sys., No. 428.

4a—GULF COAST LINES.
3 Mls, 91 Loco, Cars: 4,463 Frt, 80 Pass, 395 Misc
EAUMONT, SOUR LAKE & WESTERN R.R.
EW IBERIA & NORTHERN R. R.
EW ORLEANS, TEXAS & MEXICO RY. CO.
RANGE & NORTHWESTERN R. R.
T. LOUIS, BROWNSVILLE & MEXICO RY.
ECUTIVE FINANCIAL AND LEGAL.
. H. Williams, Ch. Bd..New York, N.Y
. W. Baldwin, Pres.....St. Louis, Mo
. R. Safford, Exec. V.-Pres. Houston, Tex
. H. McGuigan, Jr., Eng.
Asst. to Exec. V.-Pres.. "
E. Anderson, Asst. to
Exec. V. Pres..... "
. Terrell, V. Pres. & Sec. New Orleans, La
. E. Warren, Asst. Sec.
& Asst. Treas.....New York, N.Y
. T. Cole, Treas. & Asst.
Sec.....Houston, Tex
. Andrews, Gen. Solr.... "
. H. Crenshaw, Jr., Gen.
Atty.....Kingsville, Tex
Janvier, Gen. Atty..New Orleans, La
A. De Gersdorff, Gen. } New York,
Atty..... } N. Y.
L. Gaston, Gen. Clm. Agt. Houston, Tex
ACCOUNTING.
. Eckert, Aud.....Houston, Tex
M. Edrington, Aud.
Frt. & Pass. Acct.....Kingsville, Tex
TRAFFIC.
Booth, Gen. Traf. Mgr..Houston, Tex
W. Strain, G. P. A..... "
A. Brown, Frt. Traf. Mgr. "
M. McClure, Asst. G.P.A. "
S. Goforth, G. F. A..... "
H. Guion, G. F. A..... "
L. McLennan, G. F. A... "
R. Duckworth, Asst.
. F. A..... "
P. Pace, Land & Ind.
ax Comr..... "
L. Holder, Tax Comr....Dallas, Tex
OPERATING.
G. Choate, Gen. Mgr..Houston, Tex
H. Levy, Gen. Supt. C. S.
Trans..... "
P. Bryan, Asst. Supt.
rans..... "
V. L. Mickley, Supt. Tel. "
W. Cabeen, Trans. Asst. "
SUPERINTENDENTS.
. Callahan.....Kingsville, Tex
. Kennedy... .....DeQuincy, La
ASSISTANT SUPERINTENDENTS.
. Judd.....De Quincy, La
. Mock.....Kingsville, Tex
PURCHASING.
H. Lauderdale, Gen.
ur. Agt.....Houston, Tex
. Crawford, Gen. Str.
pr..... "
STORE KEEPERS.
. Fiegel.....De Quincy, La
F. Winsett.....Kingsville, Tex

MECHANICAL
J. C. Nolan, Mech. Supt. Kingsville, Tex
J. P. Roquemore, Mech.
Asst .....Houston, Tex
L. L. Allen, M. M.....De Quincy, La
C. E. McCloskey, M. M..Kingsville, Tex
H. W. Deitz, Asst. M. M.. DeQuincy, La
H. H. Kane, Asst. M.M..Kingsville, Tex
C. C. Shaw, Mech. Insp...Houston, Tex
R. E. Moffett, Gen. Car.
For.....Kingsville, Tex
ENGINEERING, BRIDGES & ROADWAY
C. S. Kirkpatrick, Ch. Eng..Houston, Tex
F. S. Schwinn, Asst. Ch. Eng. "
C. S. Colvin, Div. Eng ....De Quincy, La
F. H. Cook, Div. Eng. .Kingsville, Tex
ASSISTANT ENGINEERS.
A. L. Becker.....Houston, Tex
H. E. Stuckert.....Kingsville, Tex
C. L. Stuckey.....De Quincy, La
B. F. Witmer.....Palestine, Tex

M. B. Kent, Asst. Eng.
Struct.....Palestine, Tex
H. T. Bradley, Valua. Eng. Houston, Tex
W. Fields, Off. Eng..... "
R. Owen, Spec. Eng..... "
N. Carey, Asst. Eng. Water
Serv .....Palestine, Tex

E. B. Brown, Gen. For.
B. & B.....Kingsville, Tex
J. P. Yates, Gen. For. B. & B..DeQuincy, La
W. G. Klotz, Scale Supt....Houston, Tex
ROAD MASTERS.
A. R. Craddock.....Beaumont, Tex
A. M. Dorsey.....Eunice, La
H. J. Gordon (Act.).....Sinton, Tex
G. W. Harris.....Bay City, Tex
J. Sykes.....New Iberia, La
C. C. Warren (Act.).....Harlingen, Tex

395—GULF, COLORADO & SANTA FE RY. CO.
1,909 Mls, 110 Loco, Cars: 596 Frt, 38 Pass, 523 Misc
New York address, 5 Nassau St.
Chicago address, 80 E. Jackson Blvd.
EXECUTIVE, FINANCIAL AND LEGAL.
W. B. Storey, Pres.....Chicago, Ill
F. G. Pettibone, V.-Pres. & } Galveston,
Gen. Mgr..... } Tex.
G. N. Yard, Sec. & Treas.... "
L. C. Deming, Asst. Sec..New York, N.Y
C. K. Cooper, Asst. Treas. "
D. L. Gallup, Compt.... "
J. S. Douglass, Gen. Clm. } Galveston,
Agt..... } Tex.
S. R. Biering, Asst. Gen. Clm. Agt. "
W. A. Hudson, R. of W. Agt.. "
O. L. Clarke, Land & Tax Comr. "
ACCOUNTING.
D. W. McLeod, Aud.....Galveston Tex
J. F. Lovely, Asst. Aud.. "
TRAFFIC.
J. S. Hershey, G. F. A..... } Galveston,
T. L. Bothwell, Asst. G.F.A. } Tex.
H. E. Everheart, Asst. G.F.A. "
W. S. Keenan, G. P. A..... "
E. F. Adams, Asst. G. P. A... "
J. B. Moore, G. B. A..... "

OXWELD RAILROAD SERVICE COMPANY

Oxy-Acetylene Welding and Cutting Apparatus

OFFICES

RAILWAY EXCHANGE
CHICAGO

30 East 42nd St.
NEW YORK

Hunt-Spiller Gun Iron

Cylinder Bushings, Piston Heads, Piston Valve Packing, Cylinder Packing, Piston Valve Bushings, Valve Bull Rings, Crosshead Shoes

IN YOUR SUPERHEATER LOCOMOTIVES
will produce
LOWER OPERATING COSTS

MADE ONLY BY

HUNT-SPILLER MFG. CORPORATION

W. B. LEACH, President and General Manager
J. G. PLATT, Vice-President
OFFICE AND WORKS
383 Dorchester Avenue, South Boston, 27, Massachusett

395—GULF, COLORADO & SANTA FE—Cont'd.

OPERATING.

F. G. Pettibone, V.-Pres. & Gen. Mgr. ..... Galveston, Tex.
W. E. Maxson, Asst. Gen. Mgr. ..... "
J. P. Cowley, Asst. to Gen. Mgr. ..... "
S. C. Kirkpatrick, Asst. to Gen. Mgr. ..... "

DIVISION SUPERINTENDENTS.

J. A. Glen ..... Beaumont, Tex
A. P. Hall ..... Galveston, Tex
K. S. Hull ..... Temple, Tex
E. E. Taylor ..... Cleburne, Tex

T. L. Scurlock, Car Acct... Galveston, Tex.
J. Matthews, Tel. Mgr..... "
J. G. Fitzhugh, Safety Supvr. "

PURCHASING.

¶ T. O. Wood, Pur. Agt.... Cleburne, Tex
E. S. Newton, Str. Kpr... "

DIVISION STORE KEEPERS.

C. J. Irwin ..... Temple, Tex
J. W. Read ..... Silsbee, Tex
R. C. Shaw ..... Galveston, Tex

F. A. Redmond, Mgr.
Fuel Oil Dept... ..... Ardmore, Okla

MECHANICAL.

J. E. McQuillen, Mech. Supt. ..... Galveston, Tex

DIVISION MASTER MECHANICS.

C. F. Barnhill ..... Silsbee, Tex
R. E. Bell ..... Galveston, Tex
A. T. Lohmann ..... Cleburne, Tex
F. M. Mozley ..... Temple, Tex

ROAD FOREMEN OF ENGINES.

H. D. Cowan ..... Temple, Tex
I. E. Fowler ..... "
J. W. Holloway ..... Silsbee, Tex
H. Lemmerman ..... Cleburne, Tex

W. F. Howard, Supt. Shops ..... Cleburne, Tex
G. S. Weiler, Gen. Car For. "
D. Ross, Fuel Supvr..... "
J. B. Pruitt, Asst. Supvr. Air Brakes ..... Galveston, Tex
E. McDade, For. Paint... Cleburne, Tex

ENGINEERING, BRIDGES & ROADWAY

F. Merritt, Ch. Eng..... Galveston, Tex.
M. F. Temple, Prin. Asst. Eng ..... "
G. M. Walker, Asst. Eng. .. "
C. A. Ashbaugh, Asst. Eng. "
W. J. Smith, Arch..... "

DIVISION ENGINEERS.

S. W. Brady ..... Beaumont, Tex
Z. A. Green ..... Galveston, Tex
W. G. Massenberg ..... Cleburne, Tex
W. W. Wilson ..... Temple, Tex

G. L. Marick, Office Eng. Galveston, Tex
K. B. Duncan, Dist. Eng. "
J. Weidel, Valua. Eng..... Chicago, Ill

GENERAL FOREMEN BRIDGES AND BUILDINGS.

W. A. Davidson ..... Temple, Tex
W. H. Kluever ..... Sealy, Tex
S. Lincoln ..... Beaumont, Tex
K. E. Shirer ..... Cleburne, Tex

ROAD MASTERS.

J. H. Berger ..... Temple, Tex
F. E. Box ..... Lometa, Tex

ROAD MASTERS—CONTINUED.

M. Clarke ..... Temple, Tex
J. T. Curran ..... Galveston, Tex
A. T. Darnell ..... Cleburne, Tex
M. M. Killen ..... San Augustine, Tex
A. L. Koonce ..... Conroe, Tex
F. M. Lewis ..... Beaumont, Tex
J. P. McRee ..... "
B. F. Myers ..... Cleburne, Tex
W. Parks ..... Brownwood, Tex
W. H. Perrigo ..... Gainesville, Tex
B. Rippenhagen ..... Sealy, Tex
C. C. Robinson ..... Brownwood, Tex
E. V. Tooley ..... Pauls Valley, Okla

SIGNAL DEPARTMENT.

E. Hanson, Sig. Eng.... Galveston, Tex
G. T. Leonard, Sig. Supvr. Cleburne, Tex
R. B. McKithan, Sig. Supvr. Temple, Tex

ASSISTANT SIGNAL SUPERVISORS.

A. E. Baugh ..... Cleburne, Tex
P. H. Yarbough ..... Temple, Tex

395a—GULF, MOBILE & NORTHERN R. R. CO.

466 Mls, 67 Loco, Cars: 1,574 Frt, 42 Pass, 151 Misc
Mobile address, 71 Conti St.
New York address, 55 Cedar St.

EXECUTIVE FINANCIAL AND LEGAL

J. W. Platten, Chman & V.-Pres. ..... New York, N. Y
✪ I. B. Tigrett, Pres. ..... Mobile, Ala
P. E. Odell, V.-P. & Gen. Mgr. "
R. F. Brown, Sec. ..... New York, N. Y
H. F. Ricker, Treas. & Asst. Sec.. Mobile, Ala.
E. M. Williams, Asst. Treas... "
J. C. Rich, Gen. Solr..... "
C. K. Beekman, Gen. Coun. New York, N. Y

ACCOUNTING.

R. E. De Neefe, Compt..... Mobile, Ala.
C. W. Peterson, Asst. Compt. "
F. N. Johnson, Aud. Disb..... "
J. S. Gibson, Aud. Cap. Exp.... "
E. A. Reynolds, Aud. Rec..... "
D. A. Stewart, Frt. Clm. Agt.... "

TRAFFIC.

F. M. Hicks, Traf. Mgr..... Mobile, Ala.
J. A. Jackson, Asst. Traf. Mgr. "
E. L. Mountfort, Asst. Traf. Mgr. ..... Chicago, Ill
J. O. Gill, G. F. A. ..... Mobile, Ala
W. H. Askew, Asst. G. F. A. "
L. C. Hollingsworth, Asst. G. F. A. ..... "
G. M. White, G. P. A..... "

OPERATING.

P. E. Odell, V.-P. & Gen. Mgr. Mobile, Ala
G. F. Brock, Asst. Gen. Mgr. Laurel, Miss
C. E. Lanham, Supt. Trans... Mobile, Ala

PURCHASING.

¶ H. E. Warren, Mgr. Pur. & Strs. ..... Mobile, Ala
G. H. Therrell, Gen. Str. Kpr "

MECHANICAL.

B. H. Gray, Supt. M. P... Mobile, Ala
J. O. Green, Mech. Eng..... "
A. J. Tully, Rd. For. Eng.... "

DISTRICT FOREMEN.

H. L. Campbell ..... New Albany, Miss
J. B. Rogers ..... Laurel, Miss

SAFETY ELECTRIC LIGHT The Safety C. H. & L. Co.
USED ON 71 LEADING RAILROADS

ARCO

PAINTS VARNISHES ENAMELS

FOR EVERY RAILROAD PURPOSE

SPECIFY ARCO PAINTS VARNISHES ENAMELS

MANUFACTURED BY

THE ARCO COMPANY

Paints - Varnishes - Enamels

CLEVELAND, OHIO, U. S. A.

"MACK"

Switch Point Protectors

Prolong the Life of Switch Points.

Eliminate the possibility of derailments at switches.

Send description of rail used—we will send you a few Protectors for test.

J. R. FLEMING & SON CO.

SCRANTON, PA., U. S. A.

395a—GULF, MOBILE & NORTHERN—Continued.

GENERAL FOREMEN.

J. T. McIntosh.....Louisville, Miss
J. O'Neal (Car Dept.).....Mobile, Ala
A. A. Pedneau..... "
C. S. Sullivan, For. Paint....Mobile, Ala

ENGINEERING, BRIDGES & ROADWAY

H. S. Jones, Ch. Eng..... Mobile, Ala
L. P. O. Exley, Eng. M. W...Laurel, Miss

ROAD MASTERS.

W. F. McDade.....Laurel, Miss
A. A. Miller.....New Albany, Miss

395b—GULFPORT & MISSISSIPPI COAST TRACTION CO.

Operation discontinued, March 18, 1926.

395c—GULF PORTS TERMINAL RY.

46 Mls, 4.9 G, 5 Loco, Cars: 66 Frt, 3 Misc

¶★✠E. McLaughlin, Pres. & Gen. Mgr..... ....Pensacola, Fla
L. G. Wilkinson, Sec. & Supt. "
E. M. Schornherst, Aud. "

396—GULF, TEXAS & WESTERN RY. CO. 108 Mls, 7 Loco, Cars: 79 Frt, 15 Pass

Receiver appointed, Jan. 24, 1921.

✪W. F. Knox, Recr.....Dallas, Tex
F. M. Ford, Treas. to Recr.. "
R. H. Morgan, Aud.....Jermyn, Tex
¶✠P. E. Bock, Traf. Mgr. & Gen. Supt..... "
J. W. Frazier, G. F. & P. A. "
F. J. Wieman, Asst. Gen. Supt. & Car Acct..... "
F. Beck, M. M..... "

396a—HAGERSTOWN & FREDERICK RY. (Electric).

90 Mls, 5 Loco, Cars: 103 Frt, 45 Pass, 7 Misc

Hagerstown address, Public Square.

E. L. Coblentz, Chman...Frederick, Md
M. F. Riley, Pres..... } Hagerstown, Md.
✠✪C. M. Harris, V.-Pres... } "
R. P. Smith, V.-Pres..... "
R. A. Stott, Sec..... "
R. E. Town, Asst. Sec. & Treas.....Frederick, Md
B. A. Winebrener, Aud. & Asst. Treas..... "
W. C. Humm, Gen. Supt.. "
F. J. Moore, Gen. Supt. Trans.....Hagerstown, Md
R. E. Long, Supt. Trans..Frederick, Md
¶ R. V. Mitchell, Pur. Agt. } Hagerstown, Md.
A. D. Lewis, Supt. Pow. }
§ G. T. Twyford, Elec. Eng. "

397—

398—HAMILTON, GRIMSBY & BEAMSVILLE ELEC. RY. CO.

23 Mls. Equipment owned—none.

R. Hobson, Pres..... } Hamilton, Ont.
G. D. Fearman, Sec..... }
J. Dixon, Treas..... "
W. E. Cusson, G. F. A..... "
G. E. Waller, Mgr ..... "
F. B. Griffith, Supt..... "
¶ J. Ogilvie, Pur. Agt..... "
J. O. Binkley, M. M..... "
A. Haley, Rd. Mast..... "

399—HAMPTON & BRANCHVILLE R.R. CO. 38 Mls, 2 Loco, Cars: 4 Frt, 2 Pass

¶✪W. F. Lightsey, Pres. & Sec..... } Hampton, S. C.
H. W. Lightsey, V.-Pres. & Treas. "
L. D. Schley, Aud., G. F. & P. A. & Clm. Agt.... ..... "
H. A. Mixon, M. M..... "
E. C. Mew, Rd. Mast..... "

400—HANNIBAL CONNECTING R. R. CO. 4 Mls, 4 Loco, Cars: 31 Frt

H. W. Maxwell, Pres. } 25 Broadway, New York, N.Y
G. W. Wirth, Asst. Aud }
¶★✠R. E. Hoffman, Supt..Hannibal, Mo

401—HANOVER RY.

3 Mls, 2 Loco, Cars: 1 Frt, 1 Pass, 1 Misc

¶★✠C. Fisher, Pres.....Hanover, Ill
C. Farwell, V.-Pres....Long Beach, Cal
J. A. Speer, Sec.... .....Hanover, Ill
M. B. White, Treas..... "
T. P. Furman, Aud. & Traf. Mgr ..... "

402—HARDWICK & WOODBURY RY.

11 Mls, 2 Loco, Cars: 57 Frt

C. W. Leonard, Pres. } 232 Summer St., Boston, Mass.
★✠✪W. C. Clifford, V.-Pres. & Gen. Mgr.....Hardwick, Vt
C. E. Bartlett, Sec. & Treas. "

—† HARRIMAN & NORTHEASTERN R. R. CO. *See So. Ry. Sys., No. 927.*

403—HARRISVILLE SOUTHERN R.R.

6 Mls, 1 Loco, Cars: 2 Frt, 2 Pass

✪W. S. Stout, Pres..... } Harrisville, W. Va.
¶★✠J. B. Westfall, Sec.... }

404—HARTFORD EASTERN RY. CO.

42 Mls, 1 Loco, Cars: 7 Pass (including 6 Motors)

¶★✠W. J. Rucker, Pres. } Lake Stevens, Wash.
& Supt..... }
B. J. Rucker, V.-Pres., Sec. & Treas..... "

405—HARTLAND RAILROAD CO.

6 Mls, 2 Loco, Cars: 1 Pass

H. Reid, Pres.....Indianapolis, Ind
J. A. Ryan, V.-Pres. & Gen. Mgr..... } New York, N. Y.
W. S. Perry, Aud..... "
L. R. Friend, Supt. Trans.....Hartland, W. Va
¶★✠P. E. Hyer, Supt... "

406—HARTWELL RY. CO.

10 Mls, 1 Loco, Cars: 1 Pass

D. C. Alford, Pres..... } Hartwell, Ga.
L. L. Morris, V.-Pres..... }
S. W. Thornton, Sec. & Treas. "
L. N. Adams, Aud..... "
¶★✠✪P. P. Harrison, Supt... "

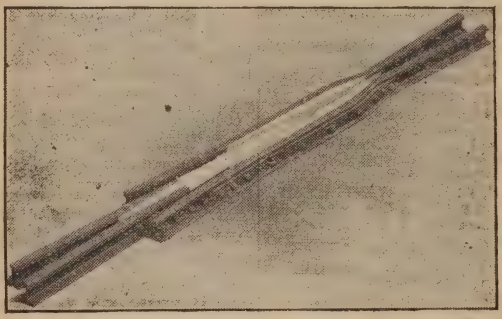
407—HICKORY VALLEY R. R. CO.

6 Mls 1 Loco. Cars owned, none.

W. O. Fuellhart, Pres. & Treas..... } Endeavor, Pa.
★✠N. P. Wheeler, Jr., V.-Pres. & Gen. Mgr..... "
¶G. H. Warden, Sec..... "
W. J. Phillips, G. F. A ..... "

ELESCO SUPERHEATERS FEED WATER HEATERS THE SUPERHEATER COMPANY NEW YORK CHICAGO

LORAIN



MANGANESE
FROGS AND CROSSINGS.

SWITCHES, SWITCH STANDS,
ACCESSORIES, ETC.

SALES OFFICES.

Atlanta Los Angeles Philadelphia Portland
Chicago New York Pittsburgh San Francisco
Cleveland Dallas Seattle

THE LORAIN STEEL COMPANY
General Offices—Johnstown, Pa.

408—HIGH POINT, RANDLEMAN, ASHEBORO & SOUTHERN R. R. CO. 28 Mls. Equipment owned, none.

Fairfax Harrison, Pres. Washington, D.C
P. H. Patrick. Aud.....Salisbury, N. C
J. S. King, Frt. Clm. Agt...Atlanta, Ga
W. E. Nichols, G. F. A..... "
J. W. Fletcher, Supt....Salisbury, N. C
¶ J. A. Butterworth, Pur. Agt ..... Washington, D. C.
B. M. Allen, Eng. M. W.... "
For other officials, see So. Ry. Sys., No. 927.

409—HIGH POINT-THOMASVILLE & DENTON R. R.
35 Mls, 6 Loco, 1 Frt, 1 Pass

C. F. Tomlinson, Pres...High Point, N.C
R. B. Terry, V.-Pres.... "
¶★✠✪O. A. Kirkman, Sec., Treas. & Gen. Mgr. "
J. F. Cannon, Compt... "
C. H. Stone, Aud..... "
F. J. Flagler, G. F. A... "
G. A. Moser, Frt. Clm. Agt..... "

410—HILL CITY RY. CO.
25 Mls, 2 Loco, Cars: 20 Frt, 1 Pass, 1 Misc
Chicago address, 208 So. La Salle St.

F. W. Ellis, Pres.....Chicago, Ill
E. P. Hinds, V.-Pres..... "
W. P. Hemphill, Sec..... "
P. L. Reed, Treas..... "
¶✠✪ G. A. Hankerson, Gen. Mgr..... Hill City Minn.
A. Herrick, M. M..... "

411—HILLSBORO & NORTH EASTERN RY. CO.
6 Mls, 2 Loco, Cars: 1 Frt, 1 Pass, 5 Misc
32 miles additional under construction.

¶★✠✪E. J. Hammer, Sec., Treas. & Gen. Mgr.....Hillsboro, Wis
J. A. Cesnik, Traf. Mgr., Aud. & Frt. Clm. Agt..... "

412—HOBOKEN MANUFACTURERS R.R. CO. "Hoboken Shore Road."
11 Mls, 2 Stm, 2 Elec. Loco, Cars: 6 Misc

Brig. Gen. G. F. Downey, Pres..... Washington D. C.
¶Col. J. J. Bradley, V.-Pres. & Gen. Mgr.... Foot of 5th St., Hoboken, N. J
G. H. Hobbs, Sec. & Treas. "
R. D. Gannon, Aud..... "
M. W. O'Brien, Supt..... "
C. Ferdon, M. M..... "

413—HOCKING VALLEY RY. CO.—THE
350 Mls, 150 Loco, Cars: 9,683 Frt, 61 Pass, 751 Misc
New York address, 61 Broadway.

EXECUTIVE, FINANCIAL & LEGAL.
O. P. VanSweringen, Chmn. Cleveland, O
W. J. Harahan, Pres..... Richmond, Va.
M. T. Spicer, Exec. Asst. to Pres..... "
R. S. Marshall, Asst. to Pres.. "
R. N. Begien, V.-Pres..... "
G. D. Brooke, Asst. to V.-Pres. "
G. B. Wall, V.-Pres ..... "
H. Fitzpatrick, V.-Pres. & Gen. Coun..... "
F. M. Whitaker, V.-Pres..... "
A. Trevvett, Sec. & Treas..Cleveland, O
H. F. Lohmeyer, Asst. Sec. "
W. N. Cott, Asst. Sec. & Asst. Treas.....Columbus, O
W. S. Bronson, Gen. Atty. Richmond, Va
W. L. Mattoon, R. E. & Tax Agt.....Columbus, O

ACCOUNTING.

F. D. Hodgson, Compt.....Columbus, O
W. R. Mozier, Aud. Rec... "
L. R. Deevers, Aud. Disb.. "

TRAFFIC.

F. M. Whitaker, V.-Pres..Richmond, Va
W. H. Fisher, G. P. A.....Columbus, O
H. Q. Wasson, G. F. A..... "
I. W. Morris, Asst. G. F. A. "
I. James, Frt. Clm. Agt.... "

OPERATING.

R. N. Begien, V.-Pres....Richmond, Va
✪M. S. Connors, Gen. Mgr...Columbus, O
W. W. Houston, Supt..... "
J. T. Fitzgerald, Supt. Frt. Trans..... "
W. L. Booth, Ch. of Yd. & Term. Oper.....Richmond, Va
E. R. Cott, Safety Agent..Columbus, O
Dr. S. B. Taylor, Ch. Surg. "

PURCHASING.

¶H. C. Pearce, Dir. Pur. & Strs ..... Richmond Va
¶A. Singleton, Pur. Agt..... J.C. McCaughan, Gen. Str. Kpr. Columbus, O

MECHANICAL.

M. A. Kinney, Supt. M. P..Columbus, O
J. E. Davis, M. M..... "
E. W. Elleman, Rd. For. Eng. "

ASST. ROAD FOREMEN OF ENGINES.

I. C. Christian.....Columbus, O
H. E. Hoover..... "
J. B. Wright, Fuel Supvr., Columbus, O
H. B. Sunderman, Gen. For. "
C. E. Strain, Gen. For. Car Dept. Logan, O
A. Ziebold, Gen. Insp. Car Dept..... Columbus, O
P. J. Hoffman, Mast. Paint.... "

ENGINEERING, BRIDGES & ROADWAY.

W. Michel, Ch. Eng.....Columbus, O
H. Frazier, Conslt. Eng..Richmond, Va
D. W. Smith, Valua. Eng....Columbus, O
W. L. Roller, Eng. M. W... "
R. C. Bardwell, Supt. Wat. Sup.....Richmond, Va
C. P. Hoover, Chemist .Columbus, O
A. O. Bowers, Supvr. Wat. Sup..... "

ASSISTANT ENGINEERS.

V. H. Doyle.....Columbus, O
L. A. Warner..... "
C. A. Whipple..... "
T. McDonough, Gen. For. B. & B.....Columbus, O

SUPERVISORS OF TRACK.

F. A. Matthews.....Columbus, O
L. J. Quinn.....Logan, O
E. C. Snouffer.....Fostoria, O
F. A. Sparks.....Marion, O
C. H. Ward .....Logan, O
B. T. Anderson, Supt. Sig..Richmond, Va
A. J. Patterson, Supvr. Sig..Columbus, O

THE ANCHOR PACKING CO. TRADE MARK

THE ANCHOR PACKING COMPANY

PHILADELPHIA, PENNA.

BRANCH OFFICES
IN ALL RAILROAD CENTRES

MANUFACTURERS OF

THROTTLE AND AIR PUMP PACKING

Approved and used by the largest railway systems in the United States and Canada. We are also manufacturing every class of packing used in Railroad service. Working samples free.

THE PERFECT CAR AND LOCOMOTIVE CLEANER

and Varnish Preservative

TRADE MARK CLEANOLA REGISTERED

CLEANOLA Signal Cleaner

CLEANOLA Glass Cleaner

THE CLEANOLA CO., FULTON BUILDING: PITTSBURGH, PA. CHICAGO OFFICE: 20 EAST JACKSON BLVD.

BALL'S VARNISH REMOVER

OXOLIN Registered

NORWAY TURPENTINE

THE IDEAL PAINT OIL

The Ball Chemical Co.

CHICAGO OFFICE
20 East Jackson Blvd.

Fulton Bldg., Pittsburgh, Pa.

414—

415—HOLTON INTER-URBAN RY. CO. (Electric).
10 Mls, 3 Loco, Cars: 2 Frt
✪A. B. West, Pres. & Gen. Mgr.....Riverside, Cal
J. H. Lord, V.-Pres....Los Angeles, Cal
G. T. Arnold, Treas. } 65 Market St.,
P. Hughes, Aud.... } San Francisco, Cal
¶★✠F. B. DeGarmo, Gen. Mgr.....El Centro, Cal

416—HOOPPOLE, YORKTOWN & TAMPICO R. R. CO.
15 Mls, 2 Loco, Cars: 4 Frt, 1 Pass, 1 Misc
¶★✠C. W. Groves, Pres. & Gen. Mgr.....Hooppole, Ill

417—HOOSAC TUNNEL & WILMINGTON R. R.
26 Mls, 6 Loco, Cars: 118 Frt, 7 Pass, 37 Misc
✪H. I. Harriman, Pres. } 50 Congress St.,
A. E. Pope, V.-Pres... } Boston, Mass
F. J. Dunn, Sec. & Coun. "
C. S. Herrman, Treas..Worcester, Mass
H. E. Mann, Aud. & Traf. Agt. } Wilming-
¶✠K. S. Macteer, Mgr..... } ton, Vt.
V. M. Macteer, Asst. Supt..... "
D. Vogel, Car Acct..... "
G. H. Kingsley, M. M.....Readsboro, Vt

418—419—

420—HOUSTON & BRAZOS VALLEY RY. CO., THE 43 Mls, 7 Loco
Cars: 8 Frt, 12 (including 2 Motor) Pass, 1 Misc
W. H. Williams, Ch. of Bd. New York, N. Y
¶★C. J. Rogan, Pres. & Traf. Mgr.....Freeport, Tex
L. W. Baldwin, V.-Pres...St. Louis, Mo
H. R. Safford, V.-Pres....Houston, Tex
W. C. McLendon, Sec. & Treas.....Freeport, Tex
C. A. Taylor, Aud..... "
J. A. Brown, G. F. A.....Houston, Tex
C. W. Strain, G. P. A..... "
T. H. Levy, Supt. Trans... "
Dr. B. H. Carlton, Ch. Surg. Freeport, Tex
C. S. Kirkpatrick, Ch. Eng. Houston, Tex
W. G. Klotz, Scale Supt.. "

421—HOUSTON & TEXAS CENTRAL R. R.
868 Mls, 77 Loco, Cars: 3,901 Frt, 106 Pass, 143 Misc.
(Mileage and Equipment also included in So. Pac. Lines-Texas Lines, No. 931a).
Operated by S. P. Lines—T. Lines No. 931a

422—HOUSTON BELT & TERMINAL R. R. 25 Mls, 7 Loco, Cars: 1 Frt, 1 Misc
J. P. Burrus. Supt.....Houston, Tex
C. E. McCloskey, M. M.... "

423—HOUSTON, EAST & WEST TEXAS RY., HOUSTON & SHREVEPORT R. R.
230 Mls, 15 Loco, Cars: 938 Frt, 10 Pass, 24 Misc.
(Mileage and Equipment also included in So. Pac. Lines-Texas Lines. No. 931a).
Operated by So. P. Lines-T. Lines No. 931a.

424—HUDSON VALLEY RY. CO. (Electric).
121 Mls, 3 Loco, Cars: 23 Frt, 61 Pass, 13 Misc
Albany address, 598 Broadway.
L. F. Loree, Pres.....New York, N. Y
W. H. Williams, V.-Pres. "
H. B. Weatherwax, V.-Pres..Albany, N. Y
F. W. Dingley, Treas..... "
W. A. Blasing, Aud..... "
E. Murphy, Gen. Mgr..... "
A. V. Louer, Asst. Gen. } Glens Falls,
Mgr..... } N. Y.
F. J. Keenan, G. F. & P. A. "
¶J. W. Sprong, Pur. Agt....Albany, N Y
J. Watt, Supt. Equip..... } Glens Falls
G. W. Davison, Supt. Pow. } N. Y.
& Lines..... "
N. E. Davis, Res. Eng..... "

425—HUNTINGDON & BROAD TOP MOUNTAIN R. R. & COAL CO., THE
114 Mls, 21 Loco, Cars: 910 Frt, 21 Pass
¶J. Bancroft, Pres..... } 15th & Chest-
C. S. Newhall, V.-Pres.. } nut Sts.,
J. D. Gormley, Sec. & } Philadelphia,
Asst. Treas..... } Pa.
J. W. Matthews, Treas... "
E. C. Miller, Act. G. F. & P. A. } Hunting-
¶A. E. Yohn, Gen. Mgr. & Pur. } don, Pa
Agt..... "
J. R. Maclay, Car. Acct..... "
C. H. Jones, M. M.....Saxton, Pa
R. D. Bridges, Eng. M.
W. & S.....Huntingdon, Pa

426—HUTCHINSON & NORTHERN RY. CO. 6 Mls, 1 Loco. Cars owned—none.
H. J. Carey, Pres..... } Hutchinson,
E. Carey, V.-Pres..... } Kan.
C. E. Carey, Sec. & Treas.. "
J. D. Elder, Aud..... "
G. W. Bryan, G. F. A..... "
¶★✠S. B. Horrell, Gen. Supt. "

426a—HUTTIG, MANSFIELD & NACOGDOCHES LINES.
Composed of
32a-ARKANSAS & LOUISIANA-MISSOURI RY. CO.
546a-LOUISIANA & PINE BLUFF RY.
573—MANSFIELD RY. & TRANSPORTATION CO.
663—NACOGDOCHES & SOUTHEASTERN R. R.
See separate reports of each road.
St. Louis address, 314 Broadway.
✪E. A. Frost, Pres.....Shreveport, La
✠C. W. Nelson, V.-Pres.....St. Louis, Mo
S. H. Dowell, Sec. & Treas. Shreveport, La
R. F. Humble, Gen. Aud. "
J. H. Shaw, G. F. & P. A.. "

427—IBERIA & VERMILION R. R. CO.
16 Mls, Cars: 29 Frt. (Equipment also included in So. Pac. Lines-La. Lines.)
(Mileage included in So. Pac. Lines-La. Lines).
Operated by So. Pac. Lines—La. Lines, No. 931.

ATKINS SILVER STEEL SAWS
We manufacture a complete line of SILVER STEEL Saws, Machine Knives, Tools and Metal Cutting Machines for every use.
Literature descriptive of these products will be mailed on request. Send for our 264 page catalog. Write the nearest point below.
E. C. ATKINS & CO. Inc.
Established 1857
"The Silver Steel Saw People"
Home Office and Factory:
INDIANAPOLIS, INDIANA
Canadian Factory:
HAMILTON, ONTARIO
Machine Knife Factory:
LANCASTER, N. Y.
Branches carrying complete stocks in the following cities:
Address E. C. ATKINS & CO.
Atlanta
Chicago
Memphis
Minneapolis
New Orleans
New York City
Portland, Ore.
San Francisco
Seattle
Washington, D. C.
Paris, France
Sydney, N. S. W.
Vancouver, B. C.

427a—ILLINOIS CENTRAL ELECTRIC RY. 33 Mls, Cars: 1 Frt, 6 Pass, 1 Misc

S. A. Drake, Pres.....Canton, Ill
W. D. Plattenburg, Sec..... "
E. A. Heald, Treas..... "
¶✠T. W. Shelton, Gen. Mgr., Pur. Agt. & Supt..... "
J. Slater, M. M..... "

428—ILLINOIS CENTRAL SYSTEM.

COMPRISING

GULF & SHIP ISLAND R. R. CO.
306 Mls, 4.8½ & 4.9 G, 42 Loco, Cars: 1,465, Frt, 32 Pass, 39 Misc

ILLINOIS CENTRAL R. R. CO.
4,858 Mls, 1,967 Loco, Cars: 70,525 Frt, 1,923 Pass, 2,313 Misc

YAZOO & MISSISSIPPI VALLEY R. R. CO., THE
1,379 Mls, 129 Loco, Cars: 913 Frt, 70 Pass, 281 Misc.

Chicago address, 135 East 11th Place.
Memphis address, Grand Central Station
New York address. 32 Nassau St.

EXECUTIVE, FINANCIAL AND LEGAL.

C. H. Markham, Pres .....Chicago, Ill
A. E. Clift, Sr. V.-Pres..... "
J. L. Beven, V.-Pres..... "
G. M. Crowson, Asst. to V.-Pres. "
✪J. J. Pelley, V.-Pres..... "
R. O. Fischer, Asst. to V.-Pres. "
F. B. Bowes, V.-Pres..... "
G. J. Bunting, V.-Pres..... "
¶A. C. Mann, V.-Pres..... "
F. L. Thompson, V.-Pres.... "
B. Lee, N. Y. Coun.....New York, N. Y
D. R. Burbank, Sec..... "
C. E. Kuck, Asst. Sec. .. "
B. A. Beck, Asst. Sec.....Chicago, Ill
R. E. Connolly, Treas..New York, N. Y
H. M. Riseley, Asst. Treas. "
O. F. Nau, Loc. Treas.....Chicago, Ill
W. S. Horton, Gen. Coun.... "
R. V. Fletcher, Gen. Solr.... "
C. N. Burch, Gen. Solr. Memphis, Tenn
W. L. Tarbet, Land & Tax Comr.....Chicago, Ill

ACCOUNTING.

G. J. Bunting, V.-Pres.....Chicago, Ill
W. D. Beymer, Asst. Compt. "
B. D. Bristol, Asst. Compt.. "
L. A. Harkness, Gen. Aud.. "

AUDITORS.

J. F. Dartt (Disb.).....Chicago, Ill
L. C. Esschen (Pass. Rec.).. "
R. E. Kimbell (Miscl. Accts.) "
S. J. Lawshe (Sta. Accts.).. "
J. F. Shepherd (Frt. Rec.).. "
F. B. Sherwood (Frt. Overcharge Clms.)..... "
J. L. East, Car Acct.....Chicago, Ill
J. R. Breidenstein, Frt. Clm. Agt..... "

TRAFFIC.

F. B. Bowes, V.-Pres.....Chicago, Ill
D. W. Longstreet, Traf. Mgr "
V. D. Fort, Asst. Traf. Mgr. (Frt.)..... "
C. C. Cameron, Asst. Frt. Traf. Mgr..... "
B. J. Rowe, Coal Traffic Mgr. "

ASSISTANT COAL TRAFFIC MANAGERS.

R. P. De Camp.....Chicago, Ill
J. F. McMahon..... "

W. M. Rhett, Gen. For'n. Agt. Chicago, Ill
D. Rose, European Traf. Mgr London, Eng
J. V. Lanigan, G. P. A.....Chicago, Ill
W. H. Brill, G. P. A.....New Orleans, La

ASST. GENERAL PASSENGER AGENTS.

R. J. Carmichael.....Memphis, Tenn
H. S. Gray.....Dubuque, Ia
A. C. Linton.....New Orleans, La
F. D. Miller.....St. Louis, Mo
J. W. Stevenson.....Chicago, Ill
G. G. Truesdale..... "
H. L. Fairfield, Mgr. Mail, Bag. & Exp. Traf.....Chicago, Ill

GENERAL FREIGHT AGENTS.

M. L. Costley.....New Orleans, La
J. Hattendorf.....Memphis, Tenn
W. Haywood.....Chicago, Ill
F. H. Law..... "

ASST. GENERAL FREIGHT AGENTS.

G. W. Becker.....Chicago, Ill
B. T. Breckenridge.....Louisville, Ky
F. C. Furry.....Chicago, Ill
H. Hardin..... "
C. L. Netherland.....Memphis, Tenn
R. G. Raasch.....Chicago, Ill
W. L. Reeves.....Memphis, Tenn
W. B. Ryan..... "
J. L. Sheppard..... "
W. Smith, Jr.....St. Louis, Mo
C. E. Stalley.....Chicago, Ill
C. A. Stang.....New Orleans, La
R. A. Trovillion.....Chicago, Ill
A. L. Wilson..... "
H. J. Schwietert, Gen. Develop. Agt.....Chicago, Ill

OPERATING.

J. J. Pelley, V.-Pres.....Chicago, Ill
R. O. Fischer, Asst. to V.-Pres. "
G. E. Patterson, Gen. Mgr.. "

GENERAL SUPERINTENDENTS.

W. Atwill, Nor. Lines.....Chicago, Ill
J. W. Hevron, So. Lines & G. & S. I. R. R.....New Orleans, La
F. R. Mays, Y. & M. V. R. R. Memphis, Tenn
W. S. Williams, West. Lines. Waterloo, Ia

SUPERINTENDENTS.

A. D. Caulfield.....Water Valley, Miss
G. F. Dickson.....Hattiesburg, Miss
J. F. Dignan.....Freeport, Ill
T. L. Dubbs.....Greenville, Miss
T. E. Hill.....Louisville, Ky
L. E. McCabe.....Dubuque, Ia
E. L. McLaurine.....McComb, Miss
T. J. Quigley.....Champaign, Ill
H. J. Roth.....Mattoon, Ill
C. W. Shaw.....Clinton, Ill
T. H. Sullivan.....Fort Dodge, Ia
J. F. Walker.....Vicksburg, Miss
J. M. Walsh.....Memphis, Tenn
H. W. Williams.....Fulton, Ky
C. R. Young.....Carbondale, Ill

TERMINAL SUPERINTENDENTS.

E. Bodamer.....Memphis, Tenn
J. W. Cousins.....New Orleans, La
F. E. Hatch.....E. St. Louis, Ill
A. M. Umshier.....Chicago, Ill

Trojan Metallic Packing

Remains steam-tight at lowest cost of maintenance.

20,000 Locomotives Have
RICHARDSON and ALLEN-RICHARDSON

Balanced Slide Valves

Reliable — Simplest — Best
PNEUMATIC

Bell Ringers

H. G. HAMMETT Troy, N. Y.

MILBURN

OXY-ACETYLENE

Welding and Cutting Apparatus

CARBIDE LIGHTS

For Wrecking and Construction

THE ALEXANDER MILBURN CO.
BALTIMORE, U. S. A.

428—ILLINOIS CENTRAL—Continued.

J. F. Porterfield, Gen. Supt. Trans.....Chicago, Ill
C. F. M. Tinling, Supvr. Demur.& Storage..... "
R. B. Goe, Supvr. Weigh. & Insp..... "
A. Bernard, Supt. Pass. Serv. "
C. E. Butler, Supvr. Pass. Car Serv..... "
W. J. Leahy, Supt. Frt Serv. "
E. F. McPike, Mgr. Per. Frt. Serv..... "
C. G. Richmond, Supt. Stations & Transfers..... "
P. M. Gatch, Ch. Gen. Clm. Agt..... "
S. M. Copp, Gen. Clm. Agt.. "
J. L. Scott, Gen. Clm. Agt.. "
E. W. Sprague, Gen. Clm. Agt.....Memphis, Tenn
S. F. Myron, Supt. Din. Serv. Chicago, Ill
J. D. White, Supt. Safety... "
F. T. Wilbur, Supt. Tel..... "
J. E. Drewry, Supt. Tel..Memphis, Tenn
J. W. Dodge, Supt. Fuel Conserv.....Chicago, Ill
G. G. Dowdall, M. D., Ch. Surg..... "

PURCHASING.

¶ A. C. Mann, V.-Pres.....Chicago, Ill
¶ J. J. Bennett, Pur. Agt..... "
L.C. Guernsey, Asst. Pur. Agt "

GENERAL STORE KEEPERS.

B. T. Adams (Asst.).....Memphis, Tenn
W. Davidson.....Chicago, Ill
W. S. Morehead (Asst.) .... "

DIVISION STORE KEEPERS.

J. W. Cockrill.....Clinton, Ill
I. S. Fairchild.....New Orleans, La
R. J. Gable.....Mattoon, Ill
G. B. Hopkins.....Gulfport, Miss
W. F. Naumann.....E. St. Louis, Ill
G. F. Ohden.....Water Valley, Miss
W. A. Prather.....Grenada, Miss
F. L. Rhynders.....Freeport, Ill
G. W. Rice.....Memphis, Tenn
C. S. Roberts.....Vicksburg, Miss
C. B. Sauls.....McComb, Miss
E. S. Shapland.....Waterloo, Ia
A. E. Walters.....Centralia, Ill
J. G. Warnecke.....Paducah, Ky
W. A. Summerhays, Lumber & Tie Agt.....Chicago, Ill
C. S. Burt, Supt. Ties & Treatment.....Memphis, Tenn
W. A. Bradley, Ch. Lumber Insp.....McComb, Miss

MECHANICAL.

R. W. Bell, Gen. Supt. M. P..Chicago, Ill
J. H. Nash, Supt. M. P..... "
F. B. Barclay, Supt. M. P. Memphis, Tenn
W. O. Moody, Mech. Eng....Chicago, Ill
J. L. Carver, Eng. Tests } Burnside Shops, Chicago, Ill.
L. Robinson, Shop Eng.....Chicago, Ill
L. A. North, Supt. Shops } Burnside Shops, Chicago, Ill.
E. Von Bergen, Gen. Air Brk. Lubri. & S. H. Eng.....Chicago, Ill

AIR BRAKE, LUBRI. & STEAM HEAT INSP.

T. W. Kennedy.....Memphis, Tenn
A. J. Pichetto.....Chicago, Ill
J. F. Raps, Gen. Loco. & Boiler Insp.....Chicago, Ill
C. A. Shaffer, Gen. Supvr. S. M. & T..... "
E. N. Harding, Gen. Car Insp. "
C. H. Smallwood, Gen. Car Insp.....Memphis, Tenn
B. W. Jansen, Elec. Eng....Chicago, Ill
A. L. Chapin, Asst. Elec. Eng. "
G. B. Colgrove, Ch. Elec.... "
H. L. Marsalis, Auto. Weld. Supvr..... "
W. C. Kelley, Supvr. Auto. Train Control..... "
L. J. Joffray, Gen. Fuel Insp. "

MASTER MECHANICS.

J. A. Bell.....Mattoon, Ill
N. Bell.....Waterloo, Ia
G. C. Christy.....Vicksburg, Miss
L. Grimes.....Jackson, Tenn
L. A. Kuhns.....E. St. Louis, Ill
W. F. Lauer.....Memphis, Tenn
S. R. Mauldin.....Water Valley, Miss
H. L. Needham.....Clinton, Ill
W. J. Ormsby.....Freeport, Ill
V. U. Powell, Burnside Shops, Chicago, Ill
E. C. Roddie.....McComb, Miss
H. N. Seeley.....Centralia, Ill
C. M. Starke.....Paducah, Ky
F. M. Wilson.....Gulfport, Miss

TRAVELING ENGINEERS.

H. G. Bridenbaugh.....Freeport, Ill
W. P. Buckles.....Champaign, Ill
S. B. Chapman.....Ft. Dodge, Ia
J. Cronin.....Vicksburg, Miss
G. H. Danvers.....Newton, Ill
H. E. Exby.....Carbondale, Ill
B. J. Feeney.....Memphis, Tenn
H. I. Fletcher.....Greenville, Miss
W. T. Getty.....Freeport, Ill
J. D. Harrell.....McComb, Miss
J. L. Harrington.....Jackson, Tenn
F. W. Heck.....Champaign, Ill
J. M. Hoskins.....McComb, Miss
I. P. Kennedy.....Water Valley, Miss
J. Kennedy.....Gulfport, Miss
O. Larson.....Chicago, Ill
J. McIntyre.....Clinton, Ill
J. J. Millett..... { 7th & River Sts., Louisville, Ky
H. V. Neville.....Memphis, Tenn
J. S. Rice.....Fulton, Ky
R. Rogerson.....Chicago, Ill
J. Ryan.....Evansville, Ind
P. H. Ryan.....Paducah, Ky
J. W. Shepherd.....Fulton, Ky
S. Turley.....E. St. Louis, Ill
W. G. Wise.....Dubuque, Ia
L. W. Woley.....Centralia, Ill
F. F. Wright.....Memphis, Tenn
C. L. Zaneis.....Clinton, Ill

GENERAL FOREMEN CAR DEPARTMENT.

H. L. Arnold.....Memphis, Tenn
F. S. Bogan.....Clinton, Ill
W. T. Everette.....Water Valley, Miss

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York • Chicago

Simplex

TIE SPACING SHOE

Illustrating the practical use of a Simplex Track Jack that is fitted with its new cap and detachable Tie Spacing Shoe. The cap can be placed on any Track Jack.

Any crosstie or switchtie can be moved by one man—no injury to tie—no disturbing the surface of the track.

Simplex Track and Car Jacks

Superior to any Jacks built in manpower, safety and stability.

No fulcrum pins. **No machine screws.**

Templeton, Kenly & Co., Ltd.

Philadelphia	Chicago, Ill.	St. Louis
Pittsburgh	Established 1899	St. Paul
Winnipeg	Sole Manufacturers	Toronto

428—ILLINOIS CENTRAL—Continued.

GENERAL FOREMEN CAR DEPT.—CONT'D.

F. M. Fuller.....Waterloo, Ia
J. J. Kelleher.....Freeport, Ill
H. A. Leightner.....E. St. Louis, Ill
W. J. McCloskey.....Centralia, Ill
R. M. McEwen.....McComb, Miss
J. F. Monger.....Vicksburg, Miss
C. C. Powers.....Mattoon, Ill
H. J. Quinnell..... { Burnside Shops, Chicago, Ill.
B. F. Rowley .....Jackson, Tenn
G. H. Stone.....Gulfport, Miss
J. S. Tallon.....New Orleans, La
Q. P. Wallace.....Paducah, Ky

GENERAL FOREMEN LOCOMOTIVE DEP'T.

T. C. Carter.....Vicksburg, Miss
J. L. Chapman.....Water Valley, Miss
J. N. Chapman .....New Orleans, La
E. J. Connors.....Centralia, Ill
W. C. Dick.....Freeport, Ill
G. Duckett.....Louisville, Ky
J. A. Elliott.....Memphis, Tenn
W. H. Hawkins.....East St. Louis, Ill
F. J. Holsinger.....Clinton, Ill
C. E. Horsley .....Mounds, Ill
L. B. Hughes. Burnside Shops, Chicago, Ill
E. E. King.....Birmingham, Ala
J. Kurth.....Waterloo, Ia
A. J. Leutenmayer.....Paducah, Ky
H. T. Loughery.....Indianapolis, Ind
J. N. Meek..... { Gwin, Miss P. O. Tchula
E. A. Mosier.....Cherokee, Ia
F. P. Nash. Burnside Shops, Chicago. Ill
F. E. Riedemann.....Champaign, Ill
D. M. Rielly.....Amboy, Ill
R. R. Royal.....McComb, Miss
H. F. Runge.....Mattoon, Ill
D. W. Saunders....27th St., Chicago, Ill
J. H. Schroeder..... { Nonconnah, Tenn P. O. Memphis.
E. L. Shirk.....Fort Dodge, Ia
H. E. Shulenburger.....Gulfport, Miss
E. M. Smith.....Baton Rouge, La
M. A. Smith .....Palestine, Ill
H. C. Steinmeyer.....Council Bluffs. Ia
L. H. Stengel... .....Jackson, Miss
L. Wilcox .....Jackson, Tenn
C. M. Wilkins.....Carbondale. Ill

FOREMEN PAINTERS.

F. Ax..... .Harahan, La
C. C. Bennett.....Water Valley, Miss
J. W. Chism.....Memphis, Tenn
R. G. Daubs.....East St. Louis, Ill
C. Drummond.....Paducah. Ky
H. W. Fawver.....Freeport, Ill
C. H. Ford.....Centralia, Ill
R. H. Hommell.....Vicksburg. Miss
G. W. Hosmer.....Mattoon, Ill
G. Jamieson.....McComb. Miss
W. Mullendorf (Car). { Burnside Shops Chicago, Ill.
E. M. O'Brien (Loco.)... "
J. B. Pillsbury.....Gulfport. Miss
W. P. Robinson.....Waterloo, Ia
M. G. Taylor.....Clinton, Ill

ENGINEERING, BRIDGES & ROADWAY

A. F. Blaess, Ch. Eng.....Chicago, Ill
L. H. Bond, Eng. M. W..... "
M. M. Backus, Asst. Eng. M. W. "
E. L. Crugar, Eng. Const.... "
A. L. Davis, Prin. Asst. Eng. "

DISTRICT ENGINEERS.

J. L. Downs..... .....Chicago, Ill
J. E. Fanning .....Waterloo, Ia
J. W. Kern. Jr.....New Orleans, La
M. B. Morgan.....Memphis. Tenn

A. B. B. Harris, Locating Eng..Chicago, Ill

ASSISTANT ENGINEERS.

B. P. Brevard.....Vicksburg, Miss
R. H. Carter.....Chicago. Ill
H. E. Chalstrom.....New Orleans, La
R. W. Cowgill.....Fort Dodge, Ia
J. H. Davis.....Champaign, Ill
A. F. Dyer .....Dubuque, Ia
B. C. Ellis.....Louisville, Ky
W. H. Gardner.....Hattiesburg, Miss
J. W. Gray.....McComb, Miss
J. M. Hoar.....Fulton, Ky
M. Johnson.....Chicago, Ill
F. Kraft.....Clinton, Ill
L. L. Lyford..... .....Harvey, Ill
M. C. Meigs.....Memphis, Tenn
C. R. Meyer.....Freeport. Ill
J. E. Murphy.....Greenville, Miss
G. J. Nash.....E. St. Louis, Ill
W. D. Shenefield.....Mattoon, Ill
C. I. Van Arsdalen.....Carbondale, Ill
J. T. Westbrook....Water Valley, Miss

ENGINEERS OF BRIDGES AND BUILDINGS.

F. R. Judd (Bldg.).....Chicago, Ill
C. I. Anderson (Asst. Bldg.) "
C. C. Westfall (Brdg.)..... "
C. Chandler (Asst. Brdg.)... "

SUPERVISORS OF BRIDGES AND BUILDINGS.

H. Callahan.....Dubuque, Ia
P. H. Carlson.....Mattoon, Ill
C. H. Crews.....Water Valley. Miss
T. S. Downard.....Hattiesburg, Miss
S. C. Draper.....Clinton, Ill
C. E. Ettinger.....Chicago, Ill
R. E. Hubbard.....Fulton. Ky
J. Jordan.....Fort Dodge. Ia
R. Mathis.....Greenville, Miss
J. D. McBride.....Memphis, Tenn
J. W. McKinney.....Carbondale, Ill
A. Payne.....Freeport, Ill
W. L. Ratliff .....McComb. Miss
J. J. Sekinger.....Champaign, Ill
M. A. Smith.....New Orleans, La
W. C. Waggener.....Princeton. Ky
M. Youngblood.....Vicksburg, Miss

M. S. Burnett, Gen. For.
B. & B.....Memphis, Tenn
J. H. Morgan, Gen. For.
B. & B.....E. St. Louis, Ill
F. O. Draper, Supt. Brdg....Chicago, Ill
P. Aagaard, Gen. Bldg. Insp. "
J. R. Morphew, Brdg. Insp.. "
A. G. Howerton, Brdg. Insp.....Memphis, Tenn
C. R. Knowles, Supt. Wat. Serv.....Chicago, Ill
W. Schlinkert, Supvr. Scales.....Centralia, Ill

Construction Light

THE best light for road work ever invented.

Used by the principal Railroads with unlimited success.

Samples free upon request.

MARINE TORCH CO.
7th and Gough Sts.
Baltimore, Maryland

EDGEWATER STEEL COMPANY
PITTSBURGH, PA.

Manufacturers of

Locomotive Tires — Rolled Steel Wheels
Car Wheel Tires — Steel Tired Wheels

District Offices

Atlanta, Ga.—Candler Bldg.
Baltimore, Md.—Munsey Bldg.
Boston, Mass.—53 Oliver St.
Chicago, Ill.—Peoples Gas Bldg.
Louisville, Ky.—Starks Bldg.
New York, N. Y.—Grand Central Terminal.
Philadelphia, Pa.—Liberty Bldg.
Portland, Ore.—609 Upshur St.
San Francisco, Cal.—489 Bryant St.
St. Louis, Mo.—Ry. Exch. Bldg.
St. Paul, Minn.—Merch. Bk. Bldg.
Seattle, Wash.—910 First Ave., So.
Washington, D. C.—Munsey Bldg.

428—ILLINOIS CENTRAL—Continued.

H. S. Moulder, Ch. Gardener.....Champaign, Ill
G. R. Hurd, Supt. of Fire Protection.....Chicago, Ill

ROAD MASTERS.

E. J. Boland.....Freeport, Ill
E. W. Brown.....Vicksburg, Miss
C. J. Carney (Asst.).....Louisville, Ky
C. M. Chumley.....McComb, Miss
J. J. Desmond.....Chicago, Ill
W. R. Gillam.....Clinton, Ill
P. Glynn.....Louisville, Ky
J. M. Harper.....Hattiesburg, Miss
C. J. Harrington.....Memphis, Tenn
H. C. Hayes (Asst.).....Chicago, Ill
N. R. Hill.....Fort Dodge, Ia
S. J. Holt.....Fulton, Ky
S. G. Jump.....East St. Louis, Ill
C. W. Lentz.....Mattoon, Ill
C. A. Maynor.....Memphis, Tenn
G. M. O'Rourke.....Carbondale, Ill
T. M. Pittman.....Water Valley, Miss
H. Rhoads.....Dubuque, Ia
J. E. Rogan.....New Orleans, La
W. E. Russell.....Champaign, Ill
J. W. Welling.....Greenville, Miss
J. M. Woodson, (Asst).....Corinth, Miss

SUPERVISORS.

R. S. Abel.....Lambert, Miss
N. Anderson.....Clinton, Ill
C. H. Behrman.....Effingham, Ill
F. R. Bishop.....Rolling Fork, Miss
T. Brosnahan.....Mattoon, Ill
J. Carey.....Manchester, Ia
P. Cheek.....Springfield, Ill
F. J. Coates.....Dyersburg, Tenn
J. W. Collins.....Mendenhall, Miss
M. L. Conley.....Freeport, Ill
M. J. Connerton.....Carbondale, Ill
T. Connerton.....Cabery, Ill
M. Costanza.....Chicago, Ill
W. C. Costigan.....Carbondale, Ill
W. H. Cox.....Fulton, Ky
J. Crahen.....Memphis, Tenn
W. N. Cramer.....Freeport, Ill
J. C. Crane.....Mattoon, Ill
D. T. Crocker.....Dyersburg, Tenn
P. H. Croft.....Christopher, Ill
T. P. Crymes.....Tutwiler, Miss
H. D. Cunningham.....Wilson, La
H. R. Davis.....Harriston, Miss
M. B. Davis.....Newton, Ill
R. D. Day.....Baton Rouge, La
J. W. Dearing.....Princeton, Ky
M. Doyle.....Clinton, Ill
W. T. Eldridge.....Baton Rouge, La
E. R. Fitzgerald.....Gilman, Ill
T. J. Flynn.....Palestine, Ill
J. W. Fowler.....Tutwiler, Miss
J. Gallagher.....Kankakee, Ill
C. M. Goddard.....Harriston, Miss
A. B. Hicks.....Leland, Miss
W. Holt.....Paducah, Ky
H. O. Huffstutter.....Iowa Falls, Ia
J. M. Jackson.....Covington, Tenn
F. Johnson.....Pana, Ill
R. B. Johnson.....Chorokee, Ia
W. C. Jordan.....{ 7th & River Sts. Louisville, Ky.

SUPERVISORS—CONTINUED.

A. S. Latham.....Chicago, Ill
E. H. Lewis.....Jackson, Miss
J. F. Long.....Hattiesburg, Miss
H. Maynor.....Greenville, Miss
W. E. McCune.....Durant, Miss
H. A. Mercer.....Yazoo City, Miss
C. E. Mifflin.....Carbondale, Ill
J. H. Miller.....Centralia, Ill
S. T. Minton.....Pinckneyville, Ill
B. E. Moss.....Council Bluffs, Ia
F. G. Murphy.....Bloomington, Ind
P. E. O'Connel.....Denison, Ia
G. W. Parker.....Waterloo, Ia
G. H. Peacock.....Grenada, Miss
J. Pierce.....Rockford, Ill
J. Pruitt.....Central City, Ky
W. H. Purcell.....Fulton, Ky
T. A. Robertson.....Carbondale, Ill
M. Sheahan.....Rantoul, Ill
G. W. Shrider.....Champaign, Ill
O. E. Smith.....Hammond, La
J. W. Sims.....Dubuque, Ia
R. Thetford.....Mounds, Ill
S. F. Thompson.....Mendenhall, Miss
W. W. Tucker.....New Orleans, La
C. D. Turley.....Chicago, Ill
J. Turnland.....Cherokee, Ia
L. Wallom.....La Salle, Ill
C. S. Ward.....Memphis, Tenn
J. F. Watts.....Grand Jct., Tenn
L. E. Whatley.....Greenwood, Miss
G. R. Wilkinson.....Sardis, Miss
R. C. Williams.....Central City, Ky
A. Wilson.....Princeton, Ky
T. A. Winborn.....McComb, Miss
W. H. Wood.....Clarksdale, Miss

SIGNAL DEPARTMENT.

H. G. Morgan, Sig. Eng.....Chicago, Ill
P. M. Gault, Asst. Sig. Eng. "
H. F. Lomas, Asst. Sig. Eng. "
A. R. Whitehorn, Office Eng. "
E. F. D. Rapelye, Ch. Draft. "
J. H. Butridge, Ch. Sig. Insp..... "
R. B. Amsden, Asst. Eng.... "

SIGNAL INSPECTORS.

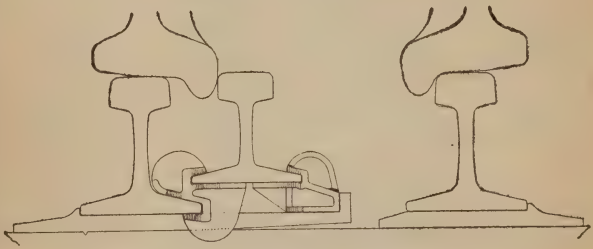
E. T. Anderson.....Chicago, Ill
F. C. Brown..... "
W. H. Claus..... "
J. V. Goodwin..... "
G. L. Pyle.....Memphis, Tenn
W. G. Stansel.....Chicago, Ill
F. W. Yeager.....Memphis, Tenn

SIGNAL SUPERVISORS.

R. D. Ashley.....Chicago, Ill
H. E. Bishop.....Dubuque, Ia
E. E. Goddard.....Carbondale, Ill
S. C. Hoffman.....Champaign, Ill
J. E. Lufkin.....Grenada, Miss
J. W. Moorhead.....Fulton, Ky
A. C. Palmer.....Memphis, Tenn
R. O. Ringland.....Champaign, Ill
F. J. Ryan.....Freeport, Ill
J. A. Sauer.....{ 7th & River Sts. Louisville, Ky.
M. A. Tracy.....Fort Dodge, Ia
C. F. Weld.....Clinton, Ill
J. W. White.....McComb, Miss

PINTSCH LIGHT USED ON 217 RAILROADS The Safety C.H. & L. Co. 2 Rector St., New York.

MANEY Guard-Rail Fastening
and
Compensating Tie-Plate
For Curves



Reduces Railwear and Curve Resistance and prevents derailment.

SPIKES OF ALL SIZES.

Dilworth, Porter & Co., Inc.
PITTSBURGH, PA.

ILLINOIS CENTRAL—Continued.

429—Chicago Terminal Improvement.

Chicago address, 135 East 11th Place.
F. L. Thompson, V.-Pres....Chicago, Ill
D. J. Brumley, Ch. Eng.....
W. G. Arn, Asst. Ch. Eng... "
W. M. Vandersluis, Elec. Eng. "
D. W. Thrower, Valua. Eng. "

430—ILLINOIS NORTHERN RY.
28 Mls, 7 Loco, Cars: 65 Frt

H. B. Utley, Pres..... } 606 So. Michigan Ave., Chicago, Ill
★✠T. J. Maloney, V.-Pres. & Gen. Mgr.....
C. H. Browder, Sec..... "
W. M. Gale, Treas..... "
J. E. Ryan, Aud..... "
F. Hess, Gen. Coun..... "
¶ W. B. Edgar, Pur. Agt..... "
T. P. Moran, Supt..... "

431—ILLINOIS TERMINAL CO.
26 Mls, 11 Loco, Cars: 67 Frt, 22 Misc

¶★H. H. Ferguson, V.-Pres. & Gen. Mgr.....Alton, Ill
K. E. Wilson, Asst. to V.-Pres.. "
H. S. Baker, Sec..... "
L. A. Schlafly, Treas..... "
F. M. Campbell, Aud..... "
H. G. Powell, Traf. Mgr..... "
M. B. Harris, Supt. C. S..... "
S. E. Bears, Eng. M. W..... "

432—ILLINOIS TRACTION SYSTEM.
425 Mls, 35 Loco (Elec.), Cars: 1,110 Frt, 115 Pass 58 Misc

EXECUTIVE, FINANCIAL AND LEGAL.
W. B. McKinley, Chman of Bd.....Champaign, Ill
C. Studebaker, Jr., Pres....Chicago, Ill
✪W. A. Baehr, V.-Pres. & Gen. Mgr..... "
D. W. Snyder, Jr., V.-Pres. Springfield, Ill
S. Brown, V.-Pres. & Sec....Chicago, Ill
H. L. Hanley, V.-Pres..... "

ASSISTANTS TO VICE-PRESIDENT.
E. J. Gottschalk.....Springfield, Ill
T. Lynn..... "
P. C. Dings, V.-Pres. & Treas. Chicago, Ill
P. L. Smith, Asst. Sec. & Asst. Treas..... "
J. J. Seerley, Asst. Sec..... "
A. J. Berta, Asst. Treas..... "
E. W. Fowler, Asst. Gen. Mgr. "
G. T. Buckingham, Gen. Coun..... "
H. I. Green, Gen. Solr.....Urbana, Ill
H. Haase, Gen. Atty.....Chicago, Ill
G. R. Whitmore, Gen. Clms. Atty.....Peoria, Ill
W. E. Watts, R.E. & Tax Agt. Chicago, Ill

ACCOUNTING.
B. E. Bramble, Compt.....Chicago, Ill
L. L. Campbell, Gen. Aud. } Champaign, Ill.
W. T. Durfee, Asst. Gen. Aud..... "
F. I. Fleming Aud. Frt. Accts..... "
E. A. Hays, Aud. Pass. Accts..... } Champaign, Ill.
J. W. Humrichouse, Aud. Disb..... "

TRAFFIC.
D. W. Snyder, Jr., V.-Pres. Springfield, Ill
W. H. Wylie, Traf. Mgr.. "
E. E. Kester, Asst. Traf. Mgr. "
W. H. Blair, Ch. of Tariff Bur. "
J. B. Hardaway, Frt. Clm. Agt. "
W. H. Evans, Ind. Agt.....Lincoln, Ill

OPERATING.
W. A. Baehr, V.-Pres. & Gen. Mgr.....Chicago, Ill
D. W. Snyder, Jr., V.-Pres. Springfield, Ill
L. B. Martin, Gen. Supt.. "
A. S. Bergschneider, Supt. Trans..... "
J. B. Hughey, Supt. Sl. & Parlor Cars..... "
A. L. Frederick, Supt. C.S. "

SUPERINTENDENTS.
M. Connor.....Danville, Ill
O. C. Genung.....Mackinaw, Ill
A. McNeil.....Decatur, Ill
J. H. Morris.....Staunton, Ill

Dr. H. M. Bascom, Ch. Surg..Peoria, Ill

PURCHASING.
¶ W. P. Hendricks, Pur. Agt..Chicago, Ill
A. F. Campbell, Supvr. Strs..Decatur, Ill
H. V. Rodgers, Gen. Str. Kpr. "

MECHANICAL.
J. M. Bosenbury, Supt. M. P. & Equip.....Springfield, Ill
J. D. Barnhart, Supt. Shops Decatur, Ill

ENGINEERING, BRIDGES & ROADWAY
J. I. Catherman, Eng. M. W. Springfield, Ill
E. A. Roth, Asst. Eng. M. W. "
G. A. Wright, Supvr. B. & B. Decatur, Ill
L. M. Firehammer, Supvr. B. & B.....Gillespie, Ill

ROAD MASTERS.
E. L. Eagan.....Danville, Ill
C. F. Harnish.....Staunton, Ill
J. Meara.....Decatur, Ill
J. O'Connor.....Bloomington, Ill

J. Leisenring, Elec. Supt. Springfield, Ill

ASST. ELECTRICAL SUPERINTENDENTS.
G. B. Brown.....Springfield, Ill
V. O. Chewning..... "

432a—ILLINOIS TRACTION SYSTEM.
(Illinois Valley Div.)
107 Mls, 3 Loco, Cars: 40 Frt, 49 Pass, 9 Misc

C. Studebaker, Jr., Pres. Champaign, Ill
W. A. Baehr, V.-Pres.....Chicago, Ill
D. W. Snyder, Jr., V.-Pres. Springfield, Ill
R. G. Near, G. F. & P. A.....Joliet, Ill
F. E. Fisher, Gen. Mgr..... "
C. H. Allen, Supt..... } Ottawa, Ill.
J. H. Comyns, Supt. Trans.. "
R. C. Holcman, Car Acct..... "
W. Irwin, Supt. O. L. & S. and Eng. M. W..... "
¶ W. P. Hendricks, Pur. Agt. Chicago, Ill
T. Ruyle, M. M.....Ottawa, Ill
J. Decker, Rd. Mast..... "

"AMERICAN" SELF-OILING STEEL TRUCKS

For Service, Economy and Durability

Strongest, Lightest and Easiest-Running Trucks to Operate

Two, Four and Six-wheel Trucks for Hand and Trailer Service, for Warehouses, Railroad Freight Platforms, Docks and all kinds of Industries.

Automatic Trailer Couplers, Coupling Hooks and Coupling Chains.

All Four and Six-wheel Trucks built with either Steel or Wooden Decks.

Catalogue Sent Upon Request

MANUFACTURED EXCLUSIVELY BY

ST. LOUIS TRUCK & MFG. CO.

ST. LOUIS, U. S. A.

THE RALSTON STEEL CAR COMPANY

COLUMBUS, OHIO

BUILDERS OF

FREIGHT CARS AND UNDERFRAMES

433—INDIANA, COLUMBUS & EASTERN TRACTION CO., THE (Electric).
153 Mls, Cars: 70 Frt, 53 Pass, 10 Misc
Receiver appointed Jan. 25, 1921.
J. H. McClure, Recr.....} Spring-
F. A. Healy, Treas. for Recr., } field, O
Aud. & Car Acct..... "
A. V. Bland, Dir. of Public Rel.....Columbus, O
J. M. Pogue, Gen. Mgr..... } Spring-
C. C. Fast, Gen. Supt. Trans.. } field, O.
A. C. Starkey, Supt..... "
¶J. B. Meagher, Pur. Agt..... "
F. J. Foote, Supt. M. P. & Equip. "
G. D. Nicoll, Ch. Eng..... "

434—INDIANA HARBOR BELT R. R.
116 Mls, 134 Loco, Cars: 80 Frt, 68 Misc
(Mileage and equipment also included in N. Y. C. Lines, No. 692x.)
New York address, 466 Lexington Ave.
Chicago address, La Salle St. Station.
EXECUTIVE, FINANCIAL AND LEGAL.
P. E. Crowley, Pres....New York, N. Y
G. Hannauer, V.-Pres.....Chicago, Ill
E. L. Whitney, Asst. to V.-Pres. "
E. F. Stephenson, Sec.... } New York,
J. M. O'Mahoney, Asst. Sec. } N. Y.
H. A. McConnell, Treas....Gibson, Ind
ACCOUNTING.
W. C. Wishart, Compt..New York, N. Y
W. M. O'Brien, Aud.....Gibson, Ind
F. G. Middleton, Aud. Disb. "
C. K. Thomas, Aud. Frt. Accts. "
TRAFFIC
C. J. Brister, Asst. V.-Pres..Chicago, Ill
W. H. Ward, G. F. A.... ... "
J. C. Stineman, Ch. Clm. Agt. "
O. D. Appleyard, Frt. Clm. Agt.....Gibson, Ind
OPERATING.
J. W. Smith, Gen. Mgr.....Gibson, Ind
F. G. Swafford, Supt..... "
C. E. Hinchman, Supt. Trans. "
R. F. Finley, Supt. Tel.....Cleveland, O
T. F. Barry, Safety Agt.....Chicago, Ill
PURCHASING.
¶W. McMaster, Pur. Agt.....Chicago, Ill
R. J. Aul, Str. Kpr.... ....Gibson, Ind
MECHANICAL.
M. L. Zelder, M. M.....Gibson, Ind
H. F. Williston, Rd. For. Eng. "
E. M. Wilcox, M. C. B..... "
GENERAL FOREMEN CAR DEPARTMENT.
O. Boese.....Calumet City, Ill
H. F. Derner.....Gibson, Ind
G. R. Grills.....Indiana Harbor, Ind
E. Mills.....Gibson, Ind
J. Palmero.....Argo, Ill
H. C. Taylor.....Blue Island, Ill
J. H. Van Name.....Franklin Park, Ill
M. E. Wilcox, For. Inspectors. Gibson, Ind
H. McLain, For. Paint..... "
ENGINEERING, BRIDGES & ROADWAY
R. A. Feldes, Ch. Eng.....Gibson, Ind
E. B. Stiles, Asst. Ch. Eng.. "
D. A. Young, Valua. Eng....Chicago, Ill
L. C. Smith, Supvr. B. & B.. } Hammond,
C. T. Kimbrough, Rd. Mast. } Ind.

435—INDIANA NORTHERN RY. CO.
1 Ml, 3 Loco, Cars owned—none
¶★✠J. D. Oliver, Pres. & Gen. Mgr .....South Bend, Ind
J. D. Oliver, Jr., Treas. "
H. G. Davis, Sec..... "
L. R. Martin, Traf. Mgr. "

436—INDIANA SERVICE CORP. (Elec.)
180 Mls, 10 Loco, Cars: 20 Frt, 28 Pass, 26 Misc
Ft. Wayne address, 331 Pearl St.
R. M. Feustel, Pres..... } Fort Wayne,
H. Bucher, Mgr. Rys..... } Ind.
H. E. Vordermark, V.-Pres. & Treas..... "
F. H. Schmidt, Aud..... "
J. A. Greeland, G. F. & P. A., Frt. Clm. Agt., Supt. Trans. & Traf..... "
¶F. C. Cour, Pur. Agt..... "
R. L. Fitzgerald, Mgr. Lgt. & Power Dept..... "
A. W. Reddersen, Supt. Equip.... ..... "
W. S. Richhart, Elec. Eng. "
J. R. McKay, Eng. M. W... "
H. V. Norford, Supt. M. W. "
H. O'Brien, Supt. Overhead "

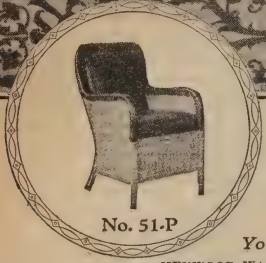
437—INDIANAPOLIS UNION RY. CO.
15 Mls, 23 Loco, Cars: 10 Frt., 20 Misc
B. McKeen, Pres. } Syndicate Trust Bldg., St. Louis, Mo
H. A. Worcester, 1V.-Pres. Cincinnati, O
C. M. South, 2 V.-Pres. Philadelphia, Pa
W. J. Daniels, Sec. & Treas..... } Indian-
F. D. Martin, Aud..... } apolis,
W. H. McKitrick, G. B. A..... } Ind.
P. J. Landers, Supt..... "
¶J. I. Ferguson, Pur. Agt..... "
J. O. Spratley, Str. Kpr..... "
§ J. M. Conlin, Act. M. M..... "
T. R. Ratcliff, Eng. M. W..... "
R. M. Neikirk, Supvr..... "

437a—INDIAN CREEK VALLEY RY. CO. 23 Mls, 3 Loco, Cars: 3 Pass, 1 Misc
J. R. Cray, Pres.....Uniontown, Pa
D. W. McDonald, V.-Pres. "
J. W. Ray, Sec..... "
M. B. McDonald, Treas.. "
¶★✪J. D. Beltz, Gen. Mgr. Connellsville, Pa
C. H. J. Osborne, Aud... "
W. H. Towzey, G. F. A..Indian Creek, Pa
J. E. Hoenshel, Eng..Connellsville, Pa
J. B. Jenkins, Valua. Eng. Baltimore, Md

437b—INDIAN VALLEY R. R. CO.
22 Mls, 2 Loco, Cars: 2 Frt, 2 Pass, 1 Misc
San Francisco address, 341 Mills Bldg.
F. Klamp, Pres..... } San Francisco,
J. F. Humburg, V.-Pres. } Cal.
¶E. E. Paxton, Sec., Treas. & Gen. Mgr..... "
W. J. McDonagh, Aud.. "
I. J. Truman, Gen. Coun. "
★✠C. L. Eaton, Gen. Supt...Paxton, Cal

437c—INLAND EMPIRE R. R. CO. (Elec.)
180 Mls, 13 Loco, Cars: 375 Frt, 55 Pass, 27 Misc
M. H. MacLean, Pres.....Chicago Ill
J. W. Esmond, V.-Pres..... "
W. F. Chasse, Sec. & Aud. Spokane, Wash

100 · YEARS · OF · MANUFACTURING · EXPERIENCE



Heywood-Wakefield Coach, Parlor and Club Car Seats are Standard Equipment on many of the World's best Railroads.

Your Standard, too, is in our complete line

HEYWOOD-WAKEFIELD SALES OFFICES

HEYWOOD-WAKEFIELD COMPANY
516 West 34th St., New York, N. Y.
HERBERT G. COOK
Hobart Bldg., San Francisco, Cal.
F. N. GRIGG,
630 Louisiana Ave., Washington, D. C.

THE G. F. COTTER SUPPLY CO.
Houston, Texas
HEYWOOD-WAKEFIELD COMPANY
439 Railway Exchange Bldg., Chicago, Ill.
THE RAILWAY POWER AND ENGINEERING CORP.,
Montreal, Toronto, Winnipeg, Canada

Heywood-Wakefield
REG. U.S. PAT. OFF.

RAIL ANCHORS RAIL BRACES

WIRE ROPE CLIPS TANK LUGS

GUARD RAIL BRACES AND PLATES

TIE PLATES (Malleable Iron)

Manufactured by

POSITIVE RAIL ANCHOR CO.

Chicago Marion, Ind. New York

437c—INLAND EMPIRE (Elec.)—Continued.

O. K. Resum, Treas.....Spokane, Wash
C. Corey, Asst. Sec. & Asst. Treas.....Chicago, Ill
G. F. Hardy, Asst. G.F.&P.A. } Spokane,
W. P. Johnston, Asst. Gen. } Wash.
Mgr..... "
F. Weidmer, Clm. Agt..... "
J. W. Hungate, Supt..... "
J. J. Daschbach, Str. Kpr.. "
§ A. J. Mayham, Mech. Supt.... "
A. J. Witchel, Ch. Eng...Portland, Ore
H. Powell, Res. Eng....Spokane, Wash

438—INTER-CALIFORNIA RY. CO.
LINE IN MEXICO.
52 Mls, Equipment owned—none

San Francisco address, 65 Market St.
G. L. King, V.-Pres. & Sec.....San Francisco, Cal
✪E. G. Burdick, Gen. Mgr.....Mexicall, B. C., Mex
¶G. E. Gardner, Pur. Agt.... } San Fran-
G. McCormick, Mech. Eng.. } cisco, Cal
G. W. Boschke, Ch. Eng..... "
R. Bachar, Rd. Mast. Mexicall, B.C., Mex

438a—INTERMOUNTAIN RY. CO.
40 Mls, 5 Loco, Cars: 123 Frt, 3 Misc

✪C. A. Barton, Pres. & Gen. Mgr.....Boise, Idaho
E. H. Barton, V.-Pres...Emmett, Idaho
G. A. Morse, Sec.....Boise, Idaho
W. W. Burns, Treas..... "
¶R. E. Carpenter, Aud.&Pur. Agt..... "
✠Charles Mather, Supt....Barber, Idaho
O. J. Jones, M. M..... "

439—INTERNATIONAL-GREAT NORTHERN R. R. CO.
1,160 Mls, 177 Loco, Cars: 4,877 Frt, 120 Pass, 233 Misc

Houston address, Union Station
New York address, 120 Broadway.

EXECUTIVE, FINANCIAL AND LEGAL.

W. H. Williams, Ch. of Bd. New York, N.Y
L. W. Baldwin, Pres. } Ry. Exch. Bldg., St. Louis, Mo.
✪H. R. Safford, Exec. V.-Pres. } Houston,
P. J. Neff, Asst. Exec. V.-Pres. } Tex.
J. E. Anderson, Asst. to Exec. V.-Pres..... "
F. H. McGuigan, Jr., Eng. Asst. to Exec. V.-Pres..... "
A. R. Howard, V.-Pres., Sec. & Treas.....Palestine, Tex
J. E. Davey, V.-Pres., Asst. } New York,
Sec. & Asst. Treas..... } N. Y.
H. L. Utter, V.-Pres., Asst. Sec. & Asst. Treas.... .... "
E. Baille, V.-Pres..... "
C. A. DeGersdorff, Gen. Coun. "
F. Andrews, Gen. Coun..Houston, Tex
J. C. Hume, Gen. Clm. Agt. Palestine, Tex
H. G. Watts, Supt. Frt. Loss & Dam. Clms..... "
D. P. Pace, Land & Ind. Comr.....Houston, Tex
W. L. Holder, Tax Comr...Dallas, Tex

ACCOUNTING.

W. J. Werner, Aud.....Palestine, Tex
R. H. Bunnell, Asst. Aud. "

TRAFFIC.

H. Booth, Gen. Traf. Mgr. Houston, Tex
J. A. Brown, Frt. Traf. Mgr.. "
J. W. Daley, Asst. Frt. Traf. Mgr..... "
L. S. Goforth, G.F.A..San Antonio, Tex
C. H. Guion, G. F. A.....Houston, Tex
R. L. McLennan, G.F.A.... "

ASST. GENERAL FREIGHT AGENTS.

J. E. Bailey.....Houston, Tex
J. M. Ball..... "
C. Bourne, Jr.....Memphis, Tenn
W. A. Brown.....Houston, Tex
J. R. Duckworth.....Omaha, Neb
D. Jacobs.....Alexandria, La
C. H. Pugh.....Houston, Tex
R. H. Schultz..... "

D. J. Price, G. P. A.....Palestine, Tex
F. L. Orr, Asst. G.P.A. San Antonio, Tex
H. E. Mack, Mail Traf. Mgr. St. Louis, Mo

OPERATING.

B. W. Procter, Asst. Gen. Mgr.....Palestine, Tex

SUPERINTENDENTS.

J. T. L. Brooks.....Palestine, Tex
O. J. Brown.....Houston, Tex
J. B. Heafer..... "
A. R. Ponder.....San Antonio, Tex

L. A. Gregory, Supt. Trans. Palestine, Tex
C. W. L. Mickley, Supt. Tel. Houston, Tex
L. E. Martin, Supt. Din. Cars..St. Louis, Mo
W. A. Gall, Asst. Supt. Din. Cars.....Houston, Tex
Dr. E. B. Parsons, Ch. Surg. Palestine, Tex

PURCHASING.

¶J. H. Lauderdale, Gen. Pur. Agt.....Houston, Tex
R. D. Crawford, Gen. Str. Kpr.....Palestine, Tex

MECHANICAL.

S. T. Armstrong, Supt. M. P. } Palestine,
W. B. Graham, Asst. to } Tex.
Supt. M. P..... ..... "
J. P. Roquemore, Mech. Asst.....Houston, Tex
L. E. Temple, Mech. Eng. Palestine, Tex

DIVISION MASTER MECHANICS.

J. M. Armstrong (Asst.)..Palestine, Tex
T. A. Pennycuick.....San Antonio, Tex
C. W. Stockhoff.....Palestine, Tex

W. R. Duff, M. C. B.....Palestine, Tex

GENERAL FOREMEN.

C. Gresham.....Fort Worth, Tex
G. A. Jones.....Taylor, Tex
J. W. Love.....Laredo, Tex
V. N. Potts.....Houston, Tex

E. D. Wooldridge, Gen. Boil. For.....Palestine, Tex

ENGINEERING, BRIDGES & ROADWAY

C. S. Kirkpatrick, Ch. Eng. Houston, Tex

ASSISTANT CHIEF ENGINEERS.

S. Beacon.....Palestine, Tex
T. S. Bond..... "
F. S. Schwinn.....Houston, Tex

DIVISION ENGINEERS.

R. E. Caudle.....Houston, Tex
T. C. McCord.....San Antonio, Tex

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York • Chicago

There's a Reason Why

HALE AND KILBURN SEATS

are in use upon nearly

Every Important Railway

in the United States

IT IS MERIT

as originators of

The All Steel Seat

we are still in the lead with a

Seat for Every Class of Service

HALE - KILBURN COMPANY

Works: Philadelphia

Offices: New York Chicago St. Louis Atlanta, Etc.

439—INTERNATIONAL-GT. NORTHERN—Cont'd.

ASSISTANT ENGINEERS.

A. L. Becker.....Houston, Tex
N. Cory.....Palestine, Tex
L. M. Elledge..... "
S. J. LeSueur.....San Antonio, Tex
B. F. Witmer.....Palestine, Tex
T. A. Youngblood.....Houston, Tex
H. T. Bradley, Valua. Eng. Houston, Tex
W. Fields, Off. Eng..... "
M. B. Kent. Asst. Eng. Struct.....Palestine, Tex
R. Owen, Spec. Eng.....Houston, Tex

GENERAL FOREMEN BRIDGES & BUILDINGS.

A. S. Case.....San Antonio, Tex
S. C. Grizzle.....Houston, Tex
J. E. Rosenbalm .....Palestine, Tex
W. G. Klotz, Scale Supvr. Houston, Tex

FOREMEN OF WATER SERVICE.

J. W. Gray .....Palestine, Tex
O. Miles.....San Antonio, Tex
W. H. Ragsdale.....Houston, Tex

ROAD MASTERS.

C. H. Bowman.....Mart, Tex
W. F. Hale.....Navasota, Tex
W. Kadernoschka.....Troup, Tex
T. H. Love.....San Antonio, Tex
J. D. Lowe.....Houston, Tex
M. H. Smith.....San Antonio, Tex
B. C. Vanover.....Hearne, Tex
A. L. Zimmerman.....Houston, Tex
H. Diehl, Sig. Supvr.....Houston, Tex

439a—INTERNATIONAL RY. CO. (Electric).

414 Mls, 3 Loco (Elec), Cars: 17 Frt, 894 Pass, 148 Mis
Buffalo address, 210 Pearl St.

B. J. Yungbluth, Pres. & Gen. Mgr.....Buffalo, N. Y
H. L. Mack, V.-Pres..... "
C. A. Weber, Sec. & Treas. "
J. C. McCollum, Asst. Sec. & Asst. Treas..... "
P. C. Reinhardt, Asst. Treas. "
J. J. K. Caskie, Gen. Atty. "
C. A. Chavel, Aud..... "
G. Milson, Pass. Traf. Mgr. "
M. L. Campbell, Frt. Traf. Mgr. & Supt.....Lockport, N. Y
F. J. Shantz, G. F. A..... "
¶H. C. Young, Supvr. Pur. & Sup.....Buffalo, N. Y.
H. H. Scheu, Pur. Agt... "
J. Mack, Supt. Line & Pow "
L. Spraggon, Supt. Equip. "
H. E. Reixinger, Eng. of Way. "

——†INTEROCEANIC RY. OF MEXICO.

See Nat'l Rys. of Mex., No. 670.

440—INTERSTATE PUBLIC SERVICE CO. (Electric).

133 Mls, 2 Loco, Cars: 144 Frt, 102 Pass, 17 Misc

✪H. Reid, Pres..... } Indianapolis, Ind
E. Van Arsdel, V.-Pres..... }
W. M. Dale, Sec. & Treas..... "
A. D. Jones, Gen. Aud..... "
H. F. McColgin, Aud. Pass. Rec. "
B. Weedon, Traf. Mgr..... "
J. Harmon, Mgr. Safety..... "
A. E. Scott, Dir. Pub. Rel..... "
L. M. Brown, Gen. Supt. :.... "
J. Q. Martin, Asst. Gen. Supt.....Jeffersonville, Ind
¶W. S. Campbell, Pur. Agt.....Indianapolis, Ind
H. C. Bouslog, Supt. Power. Seymour, Ind
W. H. Jennings, Supt. Overhead Const....Indianapolis, Ind
C. M. Bange, M. M.....Scottsburg, Ind
C. C. Argabrite Elec. Eng..... } Indianapolis, Ind.
R. J. Custer, Eng. Ways & Structures.....Columbus, Ind
C. W. Boyer, Road Mast. "

440a—INTERSTATE R. R. CO.

75 Mls, 12 Loco, Cars: 3,367 Frt, 6 Pass, 13 Misc
Philadelphia address, Land Title Bldg.

¶✪H. L. Miller, Pres.....Andover, Va
A. L. Holton, V.-Pres..... "
L. F. Lentz, Sec.....Philadelphia, Pa
R. Thayer, Jr., Treas... "
✪W. S. Miller, Aud.....Andover, Va
J. P. Wolfe, Jr., Asst. Aud.. "
H. W. Little, Clm. Agt..... "
G. H. Gilmer, Gen. Mgr..... "
J. C. McKenzie, Supt..... "
B. F. Williams, Car Acct.... "
Dr. C. B. Bowyer, Ch. Surg. Stonega, Va
R. D. Smith, M. M.....Andover, Va
H. A. Ramsey, Ch. Eng..... "
B. E. Rhoads, Valua. Eng... "

441—INVERNESS RY. & COAL CO.

61 Mls, 6 Loco, Cars: 147 Frt, 3 Pass, 7 Misc
For officials see C. N. Rys., No. 137.

442—IOWA SOUTHERN UTILITIES CO. (Electric).

32 Mls, 3 Loco, Cars: 11 Frt, 9 Pass, 5 Misc

G. M. Bechtel. Pres.....Centerville, Ia
J. R. Lee, V.-Pres..... "
✪E. F. Bulmahn, V.-Pres., Treas & Gen. Mgr..... "
F. Payne, V.-Pres. & Gen. Coun..... "
H. R. Bechtel, Sec..... "
E. L. Shutts, Aud. & Asst. Sec..... "
H. F. Berry, Asst. Aud.. "
H. O. Kelly, Traf. Mgr.. "
¶H. W. Deininger. Gen. Supt..... "
J. W. McElroy, Asst. Supt. "
C. C. Wells, M. M..... "
E. S. Stites, Rd. Mast.... "

443—IOWA TRANSFER RY. CO.

3 Mls. Equipment owned—none

F. C. Hubbell, Pres.....Des Moines, Ia
W. A. Card, V.-Pres.....Burlington, Ia
¶J. A. Wagner, Sec., Treas. & Gen. Mgr.....Des Moines, Ia
C. H. Hueston, Asst. Treas "
T. S. Ford, Aud..... "

444—IRONTON R. R. CO., THE

Lehigh Valley R. R. Co. & Reading Co., Lessees.

12 Mls, 3 Loco, Cars: 15 Frt, 1 Pass, 1 Misc

¶✠✪S. R. Thomas, Gen. Supt.....Hokendauqua, Pa.
J. V. Hare, Sec..... } Philadelphia, Pa.
A. F. Bayfield, Treas.... }
A. B. Bierck, Aud..... "

ROBERT W. HUNT CO.

ENGINEERS

Inspection Railway Materials and Equipment

RESIDENT INSPECTORS AT POINTS OF MANUFACTURE

Chemical, Physical and Cement Testing

OFFICES:

NEW YORK, CHICAGO, ST. LOUIS, PITTSBURGH, SAN FRANCISCO, SEATTLE, TORONTO, LONDON, VANCOUVER, MONTREAL

William Sellers & Co., Incorp.

PHILADELPHIA

Labor Saving Machine Tools

TOOL GRINDERS DRILL GRINDERS

Locomotive Injectors and Valves

Steel-Bronze Coupling Nuts

Boiler Washers Boiler Testers

SHAFTS, PULLEYS, HANGERS, COUPLINGS, ETC.

For Economical Power Transmission

445 to 448—

449—JACKSON & EASTERN RY. CO.
24 Mls, 2 Loco, Cars: 9 Frt, 1 Pass, 1 Misc
¶S. A. Neville, Pres. & Gen. Mgr. ... Meridian, Miss.
C. Sullivan, Sec. & Treas. ... "
J. P. Lonnegan, Traf. Mgr. ... "
✠C. Crews, Supt. M. P. ... Union, Miss
J. S. Taylor, Str. Kpr. ... "

450—JACKSONVILLE TERMINAL CO.
47 Mls, 9 Loco, Cars owned—none
✪J. L. Wilkes, Pres. & Gen. Mgr. ... Jacksonville, Fla
H. N. Rodenbaugh, V.-Pres. ... St. Augustine, Fla
F. C. Sawyer, Sec. & Treas. ... Jacksonville, Fla
O. E. Christman, Aud. ... "
R. A. McMahan, Supt. ... "
¶H. S. Lacy, Pur. Agt. ... "
W. A. George, M. M. ... "
G.B. Willson, Eng. M.W. & Sig. ... "

451—JALAPA & TEOCELO R. R.
20 Mls, 3 G, 4 Loco, Cars: 44 Frt
New York address, 15 Broad St.
Louis T. Haggin, Pres. ... New York, N.Y
E. M. West, Sec. & Treas. ... "
W. K. Boone, Gen. Mgr. ... Jalapa, Ver., Mex.
¶§★✠M. L. Matus, Supt. ... "
N. Longfield, Aud. ... "

452—JAMESTOWN, WESTFIELD & NORTHWESTERN R. R. (Electric).
33 Mls, 1 Loco, Cars: 8 Frt, 10 Pass, 1 Misc
✪H. M. Preston, Pres. ... Jamestown, N.Y.
G. E. Maltby, V.-Pres. ... "
W. R. Reynolds, Sec. ... "
W. A. Broadhead, Treas. ... "
F. H. Kibling, Aud. ... "
★G. L. Maltby, Gen. Mgr. ... "
¶W. H. Pickard, Traf. Mgr. & Pur. Agt. ... "
C. L. Lammers, Gen. Supt. ... "
C. S. Cole, Elec. Eng. ... "
R. B. Holmes, Supt. Overhead ... "
A. Westergren, Rd. Mast. ... "

453—JEFFERSON & NORTHWESTERN RY. CO.
40 Mls, 4 Loco, Cars: 10 Frt, 2 Pass, 33 Misc
A. D. Clark, Pres. & Treas. ... Dallas, Tex
¶✪F. I. Clark, V.-Pres. & Gen. Mgr. ... Jefferson, Tex
W. G. Bradford, Sec. ... Dallas, Tex
G. H. Call, G. F. & P. A. ... Jefferson, Tex.
M. H. Wurtsbaugh, Supt. ... "
T. H. Y. Newcomb, M. M. ... "
H. B. Montgomery, Ch. Eng. ... "
J. A. Dodd, Rd. Mast. ... "

453a—JEFFERSON SOUTHWESTERN R. R. 11 Mls, 1 Loco, Cars: 8 Frt, 1 Misc
A. J. Nason, Pres. ... Mt. Vernon, Ill.
J. D. Zook, V.-Pres. ... "
C. W. Smith, Sec. & Treas. ... "
★J. G. Code, Gen. Mgr. ... "
H. E. Bailey, Traf. Mgr. ... "
¶A. F. Anderson, Pur. Agt. ... "
R. F. Boswell, Rd. Mast. ... "

454—JERSEY SHORE & ANTES FT. R. R. (Electric).
Abandoned, 1925.

455—JOHNSTOWN & STONY CREEK R. R. 14 Mls, 3 Loco, Cars: 1 Frt
C. Burton, Pres. & Gen. Supt. ... Johnstown, Pa.
P. M. Boyd, Sec. & Treas. ... "
W. W. Grout, Asst. Sec. & Asst. Treas. ... "
H. M. Davies, Aud. ... "
R. B. Porter, Traf. Mgr. ... "
¶C. F. Brandler, Pur. Agt. ... "
R. E. Paul, M. M. ... "
J. Hart, For. Mach. Shop ... "
E. B. Entwisle, Ch. Eng. ... "

456—JONESBORO, LAKE CITY & EASTERN R. R. CO. 85 Mls.
See St. L.-S. F. Ry., No. 847,

457—JOPLIN & PITTSBURG RY. CO. (Electric).
96 Mls, Cars: 74 Frt, 43 Pass, 3 Misc
Receiver appointed February 28, 1924.
Kansas City address, 1500 Grand Ave.
M. H. MacLean, Recr. ... Chicago, Ill
¶✠B. Cameron, Gen. Mgr. for Recr. ... Pittsburg, Kan
T. P. Eyestone, Aud. ... "
J. D. Cornell, Traf. Mgr. ... Kansas City, Mo
O. T. Smith, Shop For ... Pittsburg, Kan
M. A. Swartz, Elec. ... "

458 to 461

—† KANAWHA & MICHIGAN RY. CO., THE

—† KANAWHA & W. VIRGINIA R. R. CO.
See Ohio Central Lines, No. 693c.

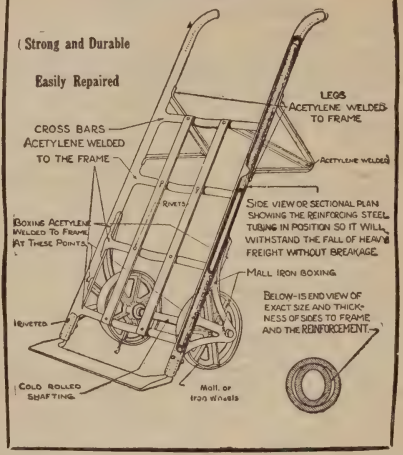
462—KANAWHA CENTRAL RY. CO.
— Mls, 2 Loco, Cars: 2 Frt, 1 Pass.
J. E. Horn, Pres. & Treas. ... Olcott, W. Va.
T. L. Horn, V.-Pres. & Gen. Mgr. ... "
J. N. Kenna, Gen. Coun. Charleston, W. Va
S. R. Horn, Sec. & G. F. A. ... Olcott, W. Va
L. D. Mitchell, Aud. ... "
A. R. Yarborough, Gen. Traf. Mgr. ... Charleston, W. Va
W. High, M. M. ... Olcott, W. Va

463—KANAWHA, GLEN JEAN & EASTERN R. R. CO. 15 Mls, 5 Loco, Cars: 209 Frt, 4 (including 2 motor) Pass, 5 Misc
¶★✪W. McKell, Pres. & Gen. Mgr. ... Glen Jean, W. Va.
✪O. F. McCoy, Sec. & G.F. & P.A. ... "
W. B. Rocke, Jr., Car Acct. ... "
R. H. Neil, Ch. Eng. Mount Hope, W. Va

464—KANE & ELK R. R. CO.
8 Mls, 2 Loco, Cars: 12 Frt 2 Pass, 2 Misc
¶★✠✪E. B. James, Pres. & Compt. ... Kane, Pa
W. R. James, V.-Pres., Sec., Treas. & G. F. A. ... "
R. D. Hillborn, Aud. ... "
E. H. James, Asst. Treas. ... "

STANDARD COUPLERS
STANDARD STEEL PLATFORMS
SESSIONS-STANDARD FRICTION DRAFT GEAR
Made by Standard Coupler Co. 110 East 42d St., N.Y.

GUILFORD S. WOOD
53 W. Jackson Blvd. Chicago
PLAN OF TUBULAR TRUCK



RAILWAY NECESSITIES

High Grade Rubber Goods
Fire Hose
Reels, Nozzles
Fire Hose Carts
Rubber Cement
P. & W. Rubber Preservative
Rubber Boots
Leather Soled Rubber Boots
Leather Belting

Railroad Tie Plates
Upholsterer's Leather
Leather and Silk Fringes
Vestibule Diaphragms
Gimp
Brass Nails
Leather Head Nails
Linoleum
Cleveland Copper Ferules

Hose for all kinds of Pneumatic Tools

GUILFORD S. WOOD CO.

705 So. Dearborn St. - - CHICAGO, ILL.

465—KANKAKEE & URBANA TRACTION CO. (Electric).
26 Mls, 2 Loco, Cars: 13 Frt, 5 Pass
Receiver appointed January 25, 1926.
✪T. B. Webber, Recr.....Urbana, Ill
C. L. VanDoren, Pres..... "
J. H. Thornburn, Treas..... "
¶★✠E. D. Blinn, Gen. Supt... "

465a—KANSAS & MISSOURI RY. & TERMINAL CO.
6 Mls, 2 Loco, Cars owned—none
W.R.Taylor, Gen. Mgr..... } 511 New Jersey Ave., Kansas City, Kan.
466—KANSAS & OKLAHOMA RY. CO., THE 19 Mls, 1 Loco, Cars: 1 Frt.
Receiver appointed April 18, 1923.
H. J. Duvall, Recr....Hutchinson, Kan
✠O. P. Byers, Pres..... "
¶T.A.Fry, Treas. & Aud. "
A. C. Malloy, Gen.Coun. "
O. Hodges, Supt.....Pratt, Kan
H. McSpadden, M. M..... "

466a—KANSAS & SIDELL R. R. CO.
26 Mls, 2 Loco. Cars: 2 Frt.
¶★✠I. N. Coolley, Pres.....Brocton, Ill
F. T. O'Hair, V.-Pres.....Paris, Ill
W. C. Price, Sec.....Brocton, Ill
H. J. Berry, Treas. & Aud..... } Indianapolis, Ind.
F. L. Sullivan, Traf. Mgr. "

467—KANSAS CITY, CLAY COUNTY & ST. JOSEPH RY. CO. (Electric).
78 Mls, 1 Loco, Cars: 25 Frt, 20 Pass
New York address, 55 Wall St.
A. G. Hoyt, Pres.....New York, N, Y
✪R. P. Woods, V.-Pres. & Gen. Mgr.....Kansas City, Mo
W.S.Tuley, Sec. & Treas. "
J. F. Holman, G.F.&P.A. "
¶R. S. Mahan, Gen. Supt. & Pur. Agt..... "
J. A. Weimer, Supt. Trans. } No. Kansas City, Mo.
C. W. Day, M. M..... } No. Kansas City, Mo.
G. Wagner, Rd. Mast..... "

468—KANSAS CITY, CLINTON & SPRINGFIELD RY.
See St. L.-S. F. Ry. Co., No. 847.

468a—KANSAS CITY CONNECTING R.R. CO. 9 Mls, 2 Loco, Cars owned—none.
G. R. Collett, Pres.... } Livestock Exch. Bldg., Kansas City, Mo.
¶★✠W. H. Weeks, V.-Pres. & Gen. Mgr... } Livestock Exch. Bldg., Kansas City, Mo.
L. G. Trickett, Sec..... "
H. W. Nickel, Supt..... "

468b—KANSAS CITY, KAW VALLEY & WESTERN RY. CO., THE (Electric).
35 Mls, 2 Loco, Cars: 24 Frt, 8 Pass, 4 Misc
Receiver appointed July 19, 1924.
H. C. Jobes, Recr.....Kansas City, Kan
¶W. R. Taylor, Gen. Mgr. for Recr..... } 511 New Jersey St., Kansas City, Kan.
✪W. E. Barnhart, Sec. & Treas..... "
E. J. O'Brien, Aud. & Traf. Mgr..... "
★✠O.S.Lamb, Supt..Bonner Springs, Kan

468c—KANSAS CITY, LEAVENWORTH & WESTERN RY. CO. (Electric).
35 Mls, Cars: 13 Frt, 41 Pass
¶✪C. F. Holmes, Pres. & Gen. Mgr..... } Kansas City, Mo
W. H. Holmes, 1st V.-Pres..... "
E. W. Moore, 2nd V.-Pres..... "
C. Goelitzer, Sec. & Aud..... } Fourth & Minnesota Ave., Kansas City, Kan
M. Moore, Gen. Coun. & Treas..... "
W. E. Barnhart, Asst. Gen. Mgr..... "
★✠J. P. Martin, Supt.... } Leavenworth, Kan.
G. Hall, City Supt..... } Leavenworth, Kan.

469—KANSAS CITY, MEXICO & ORIENT RY. CO., THE
271 Mls, 69 Loco, Cars: 1,853 Frt, 43 Pass, 79 Misc
EXECUTIVE, FINANCIAL AND LEGAL.
H. F. Hall, Ch. of Board. } Kansas City, Mo.
W. T. Kemper, Pres..... } Kansas City, Mo.
J. M. Kemper, Asst. to Pres. & Asst. Sec. & Treas..... "
W. R. Lence, Asst. to Pres. Wichita, Kan
C. Histed, V.-Pres. & Gen. Coun..... } Kansas City, Mo.
W. S. McLucas, Sec..... "
R. C. Kemper, Treas..... "
E. A. Boyd, Gen. Atty.... "
D. J. Haff, Gen. Coun..... "
C. J. Greene, Gen. Aud...Wichita, Kan
T. J. Kelly, Asst. Gen. Aud. "
J. J. Lane, Gen. Traf. Mgr. "
G. Thompson, G. F. A..Kansas City, Mo
A. W. Kendall, Asst. G. F. A. Wichita, Kan
OPERATING.
✪E. H. Shaufler, Gen. Mgr..Wichita, Kan
J. A. Shepherd, Supt. Car Serv..... "
R. H. Jones, Supt..... "
PURCHASING.
¶J. C. Read, Gen. Pur. Agt. Wichita, Kan
O. M. Lemon, Gen. Str. Kpr. "
MECHANICAL.
§F. W. Schultz, Mech. Supt.... } Wichita, Kan.
V. C. Kirk, Gen. For..... } Wichita, Kan.
G. N. Burris, Gen. For. Car Dept. "
ENGINEERING, BRIDGES & ROADWAY
W. L. Churchill, Ch. Eng..Wichita, Kan
J. L. Payton, Supvr. B. & B. "
ROAD MASTERS.
J. D. Brunk.....Wichita, Kan
P. Gratton.....Fairview, Okla
LINES IN MEXICO.
J. L. Case, Local Mgr..... } El Fuerte, Sinaloa, Mex.
J. F. Trevino, Loc. Mgr. Chihuahua, Mex
J. B. Alvmeda, Supt.... "
P. D. Aliaga, Local Aud. "
G. Breton, Local Aud.....El Fuerte, Sinaloa, Mex

470—KANSAS CITY, MEXICO & ORIENT RY. CO. OF TEXAS.
464 Mls, Cars: 42 Frt, 10 Pass, 5 Misc
H. F. Hall, Ch. of Board. } Kansas City, Mo.
W. T. Kemper, Pres..... } Kansas City, Mo.
✪A. DeBernardi, V.-Pres...Wichita, Kan
C. Histed, V.-Pres. & Gen. Solr..... } Kansas City, Mo.

Electrification

has been successfully introduced by the Westinghouse Company in all classes of service, such as:

Mountain Grade Electrification.

Terminal Electrification.

Tunnel Electrification.

Suburban Electrification.

Trunk Line Electrification.

Classification Yard Electrification

Let us solve your Electrification Problems.

Westinghouse Electric & Manufacturing Co.

East Pittsburgh - - Pennsylvania

Sales Offices in All Principal Cities of the United States and Foreign Countries.

470—KANSAS CITY, MEXICO & ORIENT—Cont'd.

A. Collins, Gen. Atty...San Angelo, Tex
W. S. McLucas, Sec.....Kansas City, Mo
M. L. Mertz, Treas.....San Angelo, Tex
C. J. Greene, Gen. Aud...Wichita, Kan
T. J. Kelly, Asst. Gen. Aud. "
J. J. Lane, Gen. Traf. Mgr. "
W. H. Hargrove, G. F. & P. A.....San Angelo, Tex
A. W. Kendall, Asst. G. F. A..Wichita, Kan
E. H. Shaufler, Gen. Mgr.. "
J. A. Shepherd, Supt. Car Serv.....San Angelo, Tex
A. J. Cleary, Supt..... "
¶ J. C. Read, Gen. Pur. Agt..Wichita, Kan
O. M. Lemon, Gen. Str. Kpr. "
R. Conner, Str. Kpr....San Angelo, Tex
§ F. W. Schultz, Mech. Supt..Wichita, Kan
W. L. Churchill, Ch. Eng. "
E. C. Gage, Supt. B. & B. San Angelo, Tex
D. C. Cage, Rd. Mast..Sweetwater, Tex
C. L. Poland, Rd. Mast. San Angelo, Tex

471—KANSAS CITY RAILWAYS CO., THE (Electric).

315 Mls, 6 Loco, Cars: 17 Frt, 746 Pass

Receivers appointed, Oct. 28, 1920.

F. W. Fleming, Recr...Kansas City, Mo
F. M. Wilson, Recr..... "
F. G. Buffe, Gen. Mgr. for Recrs..... "
J. A. Harder, Treas..... "
J. E. Goodrich, Coun. for Recr..... "
N. S. Doran, Aud..... "
J. D. Cornell, Traf. Mgr.. "
D. L. Fennell, Supt. Trans "
¶ E. E. Stigall, Pur. Agt.. "
R. W. Bailey, Supt. Power & Equip..... "
B. Blasser, Elec. Eng..... "
✠ A. E. Harvey, Supt. Ways & Struct..... "

472—KANSAS CITY SOUTHERN RY. CO., THE

760 Mls, 169 Loco, Cars: 4,366 Frt, 75 Pass, 511 Misc

EXECUTIVE, FINANCIAL AND LEGAL

L. F. Loree, Ch. of Board & Ch. of Exec. Com.. } 25 Broad St., New York, N.Y
✪ J. A. Edson, Pres..... } Kansas City, Mo
H. Gaylord, Asst. to Pres.... "
G. B. Wood, Asst. to Pres.... "
G. P. Williams, Asst. to Pres.....Beaumont, Tex
A. M. Calhoun, V.-Pres. & Asst. to Pres.....Kansas City, Mo
G. C. Hand, V.-Pres. & Sec. New York, N.Y
J. F. Holden, V.-Pres..Kansas City, Mo
C. E. Johnston, V.-Pres. & Gen. Mgr..... "
G. W. Muller, Trans. Agt. & Asst. Sec.....New York, N.Y
S. W. Moore, Gen. Coun. "
I. C. McGee, Treas..... } Kansas City Mo.
J. M. Salter, Asst. Treas. "
F. H. Moore, Gen. Solr..... "
V. V. Kirkpatrick, Valua. Eng..... "

ACCOUNTING

L. J. Hensley, Compt..... } Kansas City, Mo.
G. H. Bacon, Asst. Compt.....
W. G. Buechner, Aud. Rev.....
C. E. Bingham, Frt. Clm. Agt... "

TRAFFIC.

J. F. Holden, V.-Pres..... } Kansas City, Mo
H. A. Weaver, G. F. A.....

ASST. GENERAL FREIGHT AGENTS.

L. V. Beatty.....Kansas City, Mo
J. O. Hamilton.....Texarkana, Tex
J. R. Mills.....Kansas City, Mo
B. A. Rogers..... "

S. G. Warner, G. P. & T. A... } Kansas City, Mo
C. O. Williams, Asst. G. P. A.
A. Leckie, Ind. Agt..... "
J. F. Newsom, Agri. Develop. Agt..... "
F. D. Downie, G. B. A..... "

OPERATING.

C. E. Johnston, V.-Pres. & Gen. Mgr..... } Kansas City, Mo
R. E. Van Atta, Eng. Asst. to V.-Pres. & Gen. Mgr..... "
E. H. Holden, Gen. Supt. Trans. "
C. E. McCarty, Insp. Trans.... "
H. S. Dean, Supt. Term..... "
O. Cornelisen, Supt.....Pittsburg, Kan
W. N. Deramus, Supt..Texarkana, Tex
F. H. Hooper, Supt. Car Serv. } Kansas, City, Mo
R. Hooper, Supt. Tel.....
J. M. Prickett, Supt. Personnel. "
H. B. Smith, Fuel Agt..... "
M. T. Fulton, Supvr. Safety & Gen. Fire Prev. Insp..... "
O. M. Davison, Supvr. Wage & Work. Agree..... "

PURCHASING.

¶ B. B. Brain, Pur. Agt..Kansas City, Mo
E. H. Hughes, Gen. Str. Kpr.....Pittsburg, Kan

STORE KEEPERS.

C. C. Gilbert.....Leesville, La
R. C. Hull.....Shreveport, La
F. R. Johnson.....Kansas City, Mo
C. A. Pattison.....De Queen, Ark
D. B. Start.....Heavener, Okla
E. G. Vanpielt..... .....Watts, Okla

J. F. Hibbard, Sta.....Kansas City, Mo
I. V. Bowden, Tie & Timber Agt..... "

MECHANICAL.

§ M. A. Hall, Supt. Machy..Pittsburg, Kan
W. N. Nelson, Mech. Eng. "
J. W. Chandler, M. M..... "
C. F. Parker, M. M.....Heavener, Okla
J. M. Pierce, M. M.....Shreveport, La
T. H. Clapham, Gen. Rd. For. Eng.....Pittsburg, Kan

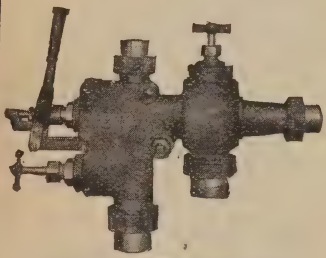
TRAVELLING ENGINEERS.

W. G. Casperson.....Kansas City, Mo.
M. E. Hirst.....Pittsburg, Kan
J. L. Miller..... "
J. S. Parker.....Shreveport, La
C. A. Rockwell.....Heavener, Okla
O. E. Stump.....Shreveport, La
R. Skidmore, Shop Supt. Pittsburg, Kan
E. H. Weigman, M. C. B.. "

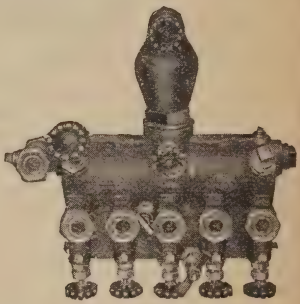
INJECTORS LUBRICATORS

LOCOMOTIVE and STATIONARY

BOILER FITTINGS



SIMPLEX TYPE INJECTOR



BULL'S EYE TYPE LUBRICATOR

NATHAN MANUFACTURING CO.

NEW YORK

CHICAGO OFFICE: Lytton Building

Southwestern Representative

G. F. COTTER SUPPLY CO. HOUSTON, TEX.

472—KANSAS CITY SOUTHERN—Continued.

FOREMEN CAR DEPARTMENT.

R. L Burch.....Shreveport, La
J. Gutteridge.....Pittsburg, Kan
J. E. Payton.....Kansas City, Mo
J. C. Tessmer.....Heavener, Okla

T. C. Blackshear Trav
Boiler Insp.....Pittsburg, Kan
H. L. Roscoe, Chemist.. "
L. M. Gazin, Supvr. Power
Plants..... "

ENGINEERING, BRIDGES & ROADWAY

A. N. Reece, Ch. Eng..... } Kansas
D. A. Kuebler, Office Eng..... } City, Mo
C. S. Heritage, Bridge Eng..... "

DIVISION ENGINEERS.

W. J. Lank.....Pittsburg, Kan
W. G. Morgan.....Kansas City, Mo

ASSISTANT ENGINEERS.

E. M. Basye.....Kansas City, Mo
S. S. Buckley.....Pittsburg, Kan
P. H. Harris.....Port Arthur, Tex
I. L. Hartzell.....Kansas City, Mo
T. F. Quinn.....Texarkana, Tex
R. H. Tefft.....Kansas City, Mo
A. E. Willahan..... "

J. J. Taylor, Supt. B.&B. Texarkana, Tex
G. T. Anderson, Gen.
Rd. Mast..... "

ROAD MASTERS.

B. L. Bowers.....Texarkana, Tex
M. A. Box.....Neosho, Mo
J. W. Griffith.....Pittsburg, Kan
R. T. Huson.....Leesville, La
P. J. McCarthy.....Shreveport, La
D. B. Shriver.....Kansas City, Mo
A. M. Spyres.....Spiro, Okla
O. L. Spyres.....De Quincy, La
W. L. Spyres.....Mena, Ark
J. Turman.....Hume, Mo

H. F. Haag, Sig. Eng.. Kansas City, Mo

473—KANSAS CITY TERMINAL RY.

27 Mls, 37 Loco, Cars: 76 Misc

Kansas City address—Union Station.

W. M. Corbett, Pres..... } Kansas
¶H. F. Taylor, Sec. & Pur. Agt. } City, Mo
E. F. Swinney, Treas..... "
C. C. Ripley, Asst. Treas..... "
S. W. Sawyer, Gen. Coun..... "
R. O. Ripley, Aud..... "
G. W. Turner, G. F. A..... "
B. L. Swearingen, Ind. Agt..... "
E. F. Smith, Car Acct..... "
P. J. Watson, Jr., Supt..... "
W. E. New, M. M..... "
J. V. Hanna, Ch. Eng..... "
W. B. Cast, Valua. Eng..... "
W. Neel, Rd. Mast..... "
F. J. Ackerman, Sig. Eng..... "

474—

475—KANSAS, OKLAHOMA & GULF RY. CO.

320 Mls, 37 Loco, Cars: 1,154 Frt, 18 Pass, 138 Misc

Receiver appointed June 6, 1924.

✪H. W. Gibson, Recr..... } Muskogee,
E. C. Bullard, Asst. to Recr. } Okla.
J. L. Bennett, Treas..... "
J. Taylor, Gen. Atty..... "

C. T. Carson, Aud..... } Muskogee,
R. B. Anderson, Frt. Clm. } Okla.
Agt..... "
E. J. O'Connor, Traf. Mgr... "
J. E. Senne, Asst. G.F.&P.A. "
V. D. Matthews, Car Acct... "
C. L. Bushnell, Gen. Supt... "
Dr. W. T. Tilly, Ch. Surgeon "
¶J. L. Higgins, Pur. Agt..... "
C. F. Leatherman, Str. Kpr. "
M. D. Ingram, Supt. Machy.. "
J. S. Gary, Gen. Car For..... "
G. N. Toops, Ch. Eng..... "
F. E. Cotrell, Rd. Mast..... "
S. Moore, Rd. Mast..... "
W. W. Irving, Rd. Mast.....Allen, Okla
D. G. McKimm, Supvr.
M. W. & Struct.....Muskogee, Okla

476—KANSAS, OKLAHOMA & GULF RY. CO. OF TEXAS.

9 Mls, 1 Loco, Cars: 11 Frt, 1 Pass, 3 Misc

¶★✠A. F. Platter, V.-Pres..... } Denison,
J. T. Suggs, Sec. & Gen. Atty. } Tex.
G. H. Pain, Aud. & Treas..... "

477—KELLEY'S CREEK & NORTHWESTERN R. R. CO.

6 Mls, 3 Loco, Cars: 161 Frt, 8 Pass

J. A. Paisley, Pres.....Cleveland, O
J. Playfair, V.-Pres..... "
J. M. Kennedy, Sec.....Pittsburgh, Pa
C. S. Paisley, Treas...Charleston, W.Va
L. Ridenour, Aud..... "
¶★✠J. J. Snure, Gen.
Mgr.....Wheeling, W. Va

478—KELLY'S CREEK R.R.

5 Mls, 2 Loco, Cars: 2 Frt, 2 Pass, 75 Misc

T. F. Mawer, Pres.....Cleveland, O
L. E. Ralston, Sec. & Treas. "
L. Kellogg, Aud..... "
✠H. L. Warner, Gen. Mgr... "
¶J. S. McKeever, Pur. Agt. & } Longacre,
Gen. Supt..... } W.Va.
W. L. Holder, M. M.....Mammoth, W.Va

479—KENNEBEC CENTRAL R. R.

5 Mls, 2 G, 2 Loco, Cars: 13 Frt, 5 Pass

✪J. S. Maxcy, Pres.....Gardiner, Me
H. S. Spear, Treas..... "
E. J. Lander, Aud..... "
¶★✠E. L. Bussell, Gen. Mgr. "

480—KENT NORTHERN RY.

27 Mls, 3 Loco, Cars: 2 Frt, 2 Pass, 2 Misc

Toronto address 18-22 King St.

W. H. O'Connor, Pres.....Toronto, Ont
¶✪E. V. O'Neil, V.-Pres. &
Treas.....Richibucto, N.B
H. A. Clarke, Sec.....Toronto, Ont
★✠B. M. Brown, Supt...Richibucto, N.B

481—KENTUCKY & INDIANA TERMINAL R. R. 100 Mls, 24 Loco, Cars: 7 Misc

Louisville address, 2910 High St.

H. R. Kurrie..... } 608 So. Dearborn St.,
} Chicago, Ill.
A. P. Humphrey, V.-Pres..... } Louis-
E. P. Humphrey, Gen. Coun. } ville, Ky
E. K. Scott, Sec. & Aud..... "
H. D. Ormsby, Treas..... "
J. A. Howison, G. F. A..... "
✪W. S. Campbell, Mgr. & Ch. Eng.. "

CHARLES C. YOUNG MFG. CO.

SUCCESSOR TO

AMERICAN BALANCE VALVE CO.

Jersey Shore, Pa.

Manufacturers of

American Balanced "D" Valves
American Balanced Allen Valves
American Semi-Plug Piston Valves
"Jack Wilson" High Pressure Valves
Valve and Piston Packing Rings

Write for descriptive prints 100, 1835 and 2025

Mudge Motor Cars

DEPENDABLE

Motor Cars Push Cars Trailers
Accessories Spark Arrestor Ventilators and Blowers
Graham-White Locomotive Sander

Mudge & Company

Manufacturers of Railroad Equipment

Railway Exchange Building—Chicago

481—KENTUCKY & INDIANA TERMINAL—Cont'd.

R. V. Caldwell, Car Acct.... } Louisville, Ky
H. F. Sutherland, Supt ..... }
¶B. Y. Heazlitt, Pur. Agt..... "
W. P. McDevitt, M.M..... "
C. F. Burrell, Eng. M. W..... "
J. McDonald, Rd. Mast..... "

482—KENTUCKY & TENNESSEE RY.
20 Mls, 6 Loco, Cars: 67 Frt, 6 Pass, 2 Misc
10 miles additional under construction.

J. S. Stearns, Pres.....Ludington, Mich
W. T. Culver, V.-Pres.....Stearns, Ky
R. L. Stearns, Sec. & Treas. "
H. C. Trent, Aud..... "
L. C. Bruce, Traf. Mgr..... "
✪J. E. Butler, Gen. Mgr..... "
¶R. W. Henderson, Pur. Agt. "
C. L. Larme, M. M..... "
G. M. Humble, Ch. Eng.... "
G. W. Bales, Rd. Mast..... "

483—KENTUCKY, ROCKCASTLE & CUMBERLAND R. R. CO.
12 Mls, 1 Loco, Cars: 3 Misc
Louisville address, 904 Realty Bldg.

W. M. Jones, Pres.. Huntington, W.Va
¶★✠✪H. B. Jones, V.-Pres. & Gen. Mgr.....Louisville, Ky
W. S. Hamilton, Sec. & Treas.... ..... "

484 to 486

487—KETTLE VALLEY RY. CO.
404 Mls, 26 Loco, Cars: 149 Frt

J. J. Warren, Ch. of Board, Montreal, Que
✪D. C. Coleman, Pres.... Winnipeg, Man
C. E. Stockdill, Asst. to Pres. "
I. G. Ogden, V.-Pres.....Montreal, Que
H. C. Oswald, Sec..... "
C. B. Gordon, Compt..... } Penticton, B. C.
O. E. Fisher, Traf. Mgr.... }
T. H. Crump, Supt..... "
¶J. Davidson, Str. Kpr..... "
F. J. Yeandle, M. M..... "
A. McCulloch, Ch. Eng..... "
W. Collins, B. & B. Mast..... "
P. Wade, Rd. Mast. ...Brookmere, B.C
T. J. Behan, Rd. Mast...Penticton, B. C
F. Parnaby, Rd. Mast.....Hope, B. C

488—KEWAUNEE, GREEN BAY & WESTERN R. R. CO.
35 Mls, 10 Loco, Cars: 296 Frt, 10 Pass, 3 Misc
For officials see G. B. & W. R. R., No. 386.

488a—KEY SYSTEM TRANSIT CO.
262 Mls, 3 Loco, Cars: 14 Frt, 452 Pass, 72 Misc

C. O. G. Miller, Pres..... } Oakland, Cal.
C. C. Vargas, Asst. to Pres.. }
F. W. Frost, Sec. & Treas..... "
F. M. Smith, Act. Aud..... "
B. W. Fernald, Act. Clms. Agt. "
G. H. Harris, Gen. Mgr..... "
J. P. Potter, Supt. Trans..... "
¶F. R. Lloyd, Pur. Agt..... "
W. W. Hagler, Str. Kpr..... "
W. A. Rasmusen, Supt. Float. Equip..... "
W. P. Jackson, Supt. Equip... "
H. P. Bell, Ch. Eng..... "

489—KINDER & NO.-WESTERN R. R. CO.
2 Mls, 1 Loco, Cars. 1 Misc

W. H. Managan, Sec. & Treas..... } Lake Charles, La.
¶★J. O. Cupples, Supt..... Kinder, La
For other officials see C. & E. Ry., No. 212b

490—491—492—

493—KINSTON CAROLINA R. R. CO.
29 Mls, 2 Loco, Cars: 2 Pass

✪G. R. Loyall, Pres..... Norfolk, Va
W. B. Rodman, Gen. Solr.... "
J. C. Nelms, Jr., Aud..... "
E. D. Kyle, Traf. Mgr..... "
J. F. Dalton, G. F. & P. A.... "
¶★J. C. Poe, Supt. & Gen. Clm. Agt. .....Kinston, N. C
C. P. Dugan, Supt. Trans...Norfolk, Va
F. L. Nicholson, Ch. Eng.... "

494—KISHACOQUILLAS VALLEY R.R
10 Mls, 2 Loco, Cars: 2 Frt, 2 Pass

¶J. P. Getter, Pres. & Gen. Mgr. } Belleville, Pa
J. E. Hostetler, V.-Pres..... }
R. M. Maclay, Sec..... "
C. W. Getter, Treas. ..... "
F. A. Hayes, Supt.....Lewistown, Pa
B. Wills, M. M..... ..Belleville, Pa
D. B. Clark, Rd. Mast..... "

495—KISSIMMEE RIVER RY. 7 Mls
For officials see S. A. L. Ry. Co., No. 886

495a—KLICKITAT LOG & LUMBER CO. 16 Mls, 2 Loco, Cars: 38 Frt
Portland address, No.-Western Bank Bldg

J. Neils, Pres.....Portland, Ore
W. Neils, V.-Pres.....Libby, Mont
H. Schmidt, Sec.....Klickitat, Wash
G. Neils, Treas.....Libby, Mont
R. R. Veldman, Traf Mgr. & Frt. Clm. Agt..... "
¶★✠W. H. Rathert, Supt. Klickitat, Wash

495b—KNOX R. R. CO.
9 Mls, 2 Loco, Cars: 1 Pass, 3 Misc

¶A. L. Hobson, Pres. & Treas..... } 244 Washington St., Boston, Mass
★✠R. M. McKinley, Mgr..... Union, Me

496—KNOXVILLE & CAROLINA R. R. CO. 29 Mls, 2 Loco, Cars: 22 Frt, 4 Pass

L. C. Gunter, Pres..... } Knoxville Tenn.
S. B. Luttrell, V-Pres..... }
J. A. Wallace, Sec. & Treas.. "
¶R. E. Akers, Aud. & G. F. & P. A..... "
★✠C. A. Murphy, Supt..... "

497—KOSCIUSKO & SOUTHEASTERN R. R. CO.
16 Mls, 1 Loco, Cars: 4 Frt, 1 Pass, 2 Misc
Louisville address, 4th & K Sts.

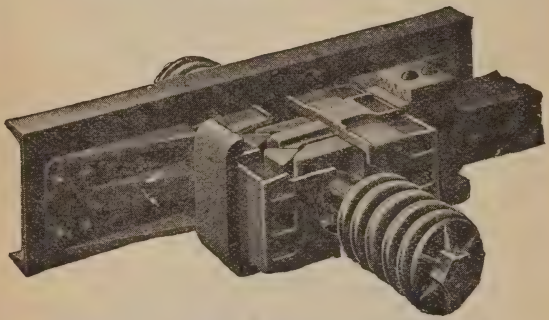
¶✠J. G. Brown, Pres.....Louisville, Ky
P. P. Joyes, V.-Pres..... "
E. R. Clark, Sec..... "
P. Burlingame, Treas.... "
J. T. Crawley, Gen. Solr. Kosciusko, Miss
H. E. Sanders, Aud.....Zama, Miss
G. Giugliano, Traf. Mgr..Louisville, Ky
W. A. Gates, G. F. A..... "
★M. D. Thomason, Gen. Mgr..Zama, Miss
J. K. Grable, Gen. Supt..... "

The

Cardwell Friction Draft Gear

is the best kind of

Car Insurance



UNION DRAFT GEAR CO.

Canadian Office
1023 Transportation Bldg.,
MONTREAL.

Chicago Office
McCormick Building.

Cardwell Rocker Side Bearings

are used because they represent economy by the reduction in car repairs and by increased capacity of trains.

WHY—WRITE FOR DATA

CARDWELL MFG. CO.

Canadian Office
1023 Transportation Bldg.,
MONTREAL

Chicago Office
McCormick Building

498—LACKAWANNA & WYOMING VALLEY R. R. CO. (Electric).

23 Mls, 3 Loco (Elec) 4 Mot, Cars: 48 Frt, 30 Pass
New York address, 115 Broadway.
F. R. Ford, Ch. Ex. Com. New York, N. Y
W. C. Sproul, Pres.....Chester, Pa
¶ P. J. Murphy, V.-Pres. & Gen. Mgr.....Scranton, Pa
S. C. Stivers, Sec..... New York, N. Y
F. W. Potts, Treas..... "
J. A. Chisholm, Asst. Treas. & Aud..... } Scranton Pa.
W. E. Pearson, Aud..... "
W. L. Cairns, G. F. & P. A..... "
J. H. Murray, Car Acct..... "
F. R. Cornell, Supt. Trans.... "
C. D. Shellabarger, M. M..... "
G. W. Esslinger, Eng. Pow. Sta. "
R. P. Kearney, Rd. Mast..... "

——† LACKAWANNA R. R.
See Del., Lack. & West'n R. R., No. 275.

——† LACOMBE & NO'WESTERN RY.
See Alberta & Great W. W. Ry., No. 11a

499—LA CROSSE & SOUTHEASTERN RY. CO.

42 Mls, 3 Loco, Cars: 32 Frt, 8 Pass
J. H. MacMillan, Pres. Minneapolis, Minn
A. S. Cargill, 1st V.-Pres. } 1100 1st Nat., Soo Line Bldg. Minneapolis, Minn.
¶ ★✠✪ P. Valier, 2d V-Pres. & Gen. Mgr.....La Crosse, Wis
C. MacMillan, Sec... Minneapolis, Minn
J. H. MacMillan, Jr., Treas..... "
R. J. Semsch, Gen. Aud.... } La Crosse, Wis.
G. H. Gordon, Gen. Coun... }
A. H. Mueller, G. F. & P. A.. "
R. R. Valier, Supt..... "

500—LAKE CHAMPLAIN & MORIAH R. R. CO.

7 Mls, 5 Loco, Cars: 77 Frt, 3 Pass, 11 Misc
New York address, 2 Rector St.
L. W. Francis, Pres.... New York, N. Y.
G. C. Foote, V.-Pres... Port Henry, N. Y
H. N. Brinsmade 2d V.-Pres.....New York, N. Y
P. S. Brinsmade, Sec. & Asst. Treas..... "
I. G. Morris, Compt..... "
¶ ★✠$✪ J. J. Davitt, Gen. Supt..... } Port Henry, N. Y.

501—LAKE CHARLES & NORTHERN R. R. CO. 44 Mls, 2 Loco, Cars: 1 Frt, 2 Misc
(Mileage and Equipment also included in So. Pac. Lines—La. Lines, No. 931.)
J. F. Sugrue, Supt.....De Ridder, La
For other officials see So. Pac. Lines—La. Lines, No. 931.

502—LAKE ERIE & EASTERN R. R. CO. 15 Mls, Equipment owned—none.
T. D. Dellmin, Supt.....Struthers, O
For other officials see P. & L. E. R. R., No. 771

502a—LAKE ERIE & FT. WAYNE R. R. CO. 2 Mls, 1 Loco, Cars owned—none.
D. N. Foster, Pres.....Fort Wayne, Ind
★✠ H. C. Rockhill, V.-Pres., Sec. & Gen. Mgr. "
¶ I. W. Langford, Treas. & Pur. Agt..... "

503—LAKE ERIE & NORTHERN RY. CO., THE

51 Mls, 3 Loco, Cars: 17 Frt, 13 Pass, 3 Misc
A. D. MacTier, Pres.....Montreal, Que
H. C. Oswald, Sec..... "
M. M. Todd, Treas.....Galt, Ont
R. A. McNaughton, Gen. Acct.. "
A. W. Cornish, Frt. Clm. Agt.. "
¶ M. W. Kirkwood, Gen. Mgr... "
C. J. Whitney, G. F. & P. A.... "
L. E. Marcus, Supt.....Preston, Ont
W. A. Ernst, Gen. Shop For "
F. H. Midgley, Eng.....Galt, Ont
J. J. Morrissey, Gen For. Trk. & Rdway.....Brantford, Ont

504—†LAKE ERIE & WESTERN R. R.
See N. Y., Chicago & St. L. R. R. No 695b.

504a—LAKE ERIE, FRANKLIN & CLARION R. R. CO.

24 Mls, 7 Loco, Cars: 182 Frt, 8 Pass, 7 Misc
✪ C. Miller, Pres.....Franklin, Pa
G. F. Proudfoot, V.-Pres... "
¶ C. A. Miller, V.-Pres. & Asst. Treas..... "
J. F. Miller, Sec.... ..... "
C. J. S. Miller, Asst. Sec.... "
H. M. Johnston, Treas. & Aud. "
✠ L. L. Marshall, Gen. Supt... Clarion, Pa
J. G. Geist, Car Acct..... "
H. O. Burns, Gen. For..... "

504b—LAKE HURON & NORTHERN ONTARIO RY. CO.

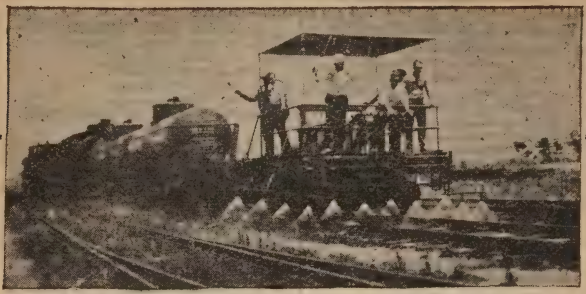
17 Mls, 1 Loco, Cars: 12 Frt, 2 Pass
60 miles additional under construction.
D. G. Curtis, Pres..... } Bruce Mines, Ont.
★✪ D. Van Dusen, V.-Pres. & Gen. Mgr..... }
J. H. MacCaul, Sec.-Treas..... "
¶ F. R. Webster, Pur. Agt. Toronto, Ont
L. Whitman, Ch. Eng. Bruce Mines, Ont

505—LAKE PROVIDENCE, TEXARKANA & WESTERN R. R. CO.

8 Mls, 2 Loco, Cars: 29 Frt
R. Sondheimer, Pres., Sec & Treas..... } Memphis, Tenn.
¶ ★ C. C. Dickinson, V.-Pres..... "
E. A. Sondheimer, V.-Pres. & Treas..... "
F. Crager, Sec. & Aud..... "
J. J. Bruner, Traf. Mgr..... "
✠ R. Cookston, Mgr.....Sondheimer, La

506—LAKESIDE & MARBLEHEAD R. R. CO., THE

11 Mls, 5 Loco, Cars: 5 Frt, 2 Pass, 10 Misc
Cleveland address, 1102 Leader-News Bldg
S. L. Mather, Jr., V.-Pres.. Cleveland, O
¶ ★✠✪ J. G. Yule, Sec. & Gen. Mgr..... "
O. F. Gardner, G. F. & P. A. "
O. R. Sturzinger, Gen. Supt.....Marblehead, O

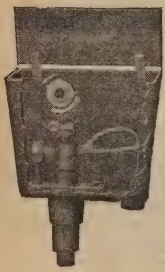


"HERBICIDE" APPLIED BY THE SPRAY METHOD

The Most Economical Means of Track Weeding.

Cost Proposal on Request.

READE MFG. CO. - Jersey City, N. J.



Type "B"
Westinghouse Coupler

Also made as Type "A"
Common Hose Coupling

MURDOCK

ANTI-FREEZING

"SAFETY FIRST"

RAILWAY WATER SERVICE BOX

Self-closing—Forms its own pit—
Nothing to stumble over—No leak.

THE BEST WATER DEVICE

Ever offered for Yard and Terminal.

Also makers of
"Genuine" Murdock Self-closing Hydrants, Compression Hydrants, Street Washers, The Murdock Patent Anti-Freezing Bubble Font and other heavy duty Drinking Foun tains for the shop, station and yard.

The Murdock Mfg. & Supply Co.

Cincinnati, Ohio

THE ORIGINAL HYDRANT HOUSE

507—LAKE SUPER'R & ISHPEMING R. R. CO.
164 Mls, 33 Loco, Cars: 1,840 Frt, 15 Pass
W. G. Mather, Pres.....Cleveland, O
✪H. R. Harris, V.-Pres.& Gen. Mgr.....Marquette, Mich
C. D. Mason, Sec.....Cleveland, O
C. G. Heer, Treas..... "
W. P. Belden, Gen. Coun.... "
H. A. St. John, Aud. & G. F. & P. A.....Marquette, Mich
A. Syverson, Supt..... "
¶A. J. Yungbluth, Pur. Agt.....Ishpeming Mich
W. A. Urich, Str. Kpr..... } Marquette,
S. A. Chamberlin, Supt. } Mich.
M. P..... "
F. Waller, Gen. For. Mech. Dept..... "
C. Westen, Gen. Car For... "
P. Dennett, For. Paint..... "
R. C. Young, Ch. Eng..... "
A. Anderson, Gen. For. B.& B. "
M. Madigan, Rd. Mast..... "
T. McKenna, Rd. Mast..... "

508—LAKE SUPERIOR TERMINAL & TRANSFER RY. CO.
25 Mls, 11 Loco, Cars: 1 Frt
W. H. Strachan, Pres....St. Paul, Minn
¶C. P. Brown, Sec. & Supt. Superior, Wis
H. H. Parkhouse, Treas...St. Paul, Minn
T. B. Thompson, Aud.....Superior, Wis
J. J. Marcinak, Gen. Pass. Agt..... "
E. G. Bernard, M. M..... "
J. Jirgel, Rd. Mast..... "

509—LAKE TAHOE RY. & TRANSPORTATION CO.
See S. P. Co., No. 930.

510—LAKE TERMINAL R. R. CO., THE
42 Mls. 19 Loco, Cars: 1 Frt
Pittsburgh address, Frick Bldg.
T. Ewing, Pres..... } Pittsburgh,
J. Fritz, V.-Pres..... } Pa.
J. M. Morris, V.-Pres..... "
B. C. Moise, Sec. & Aud..... "
H. J. Hirshman, Treas..... "
¶J. A. Beattie, Gen. Supt..... "
F. T. Horan, Supt.....Lorain, O
W. W. Mortimer, Asst. Supt. "
R. L. Stearns, Car Acct..... "
G. N. Riley, Supt. Mchy..Pittsburgh, Pa
§A. Brand, M. M.....Lorain, O
G. T. Snyder Ch. Eng..... "

511—LANCASTER & CHESTER RY. CO.
29 Mls, 4 Loco, Cars: 32 Frt, 2 Pass, 1 Misc
✪L. Springs, Pres..... } Lancaster,
J. T. Stevens, V.-Pres..... } S. C.
E. W. Springs, V.-Pres..... "
¶A. P. McLure, Aud., Gen. Mgr., Supt. & Traf. Mgr..... "
W. R. Thomson, Sec..... "
W. C. Thomson, Treas ..... "
S. B. Crenshaw, M. M..... "
P. M. Wilson, Rd. Mast..... "

512—L'ANGUILLE RIVER RY.
2 Mls, 1 Loco. Cars owned—none.
¶★M. D. Miller, Pres. & Gen. Mgr.....Marianna, Ark
C. N. Houck, Sec. & Treas. "

513—LAONA & NORTHERN RY.
22 Mls, 3 Loco, Cars: 1 Pass, 50 Misc
¶W. D. Connor, Pres. & Gen. Mgr. } Marshfield,
R. Connor, V.-Pres., Sec. & Treas. } Wis.
W. W. McCulloch, Aud..... "
★✠W. D. Connor, Jr., Supt..Laona, Wis

513a—LARAMIE, NORTH PARK & WESTERN R. R. CO.
111 Mls, 6 Loco, Cars: 30 Frt, 2 Pass, 14 Misc
¶✪F. B. Miller, Pres.....Laramie, Wyo
H. T. Foster, Asst. Treas. "
E. Carter, Aud. & Traf. Mgr. "
P. H. Limbach, Supt..... "
D. W. Adamson, M. M.... "
E. E. Roy, For. B. & B.... "

514—LA SALLE & BUREAU COUNTY R. R. CO., THE
10 Mls, 3 Loco. Cars owned—none.
M. H. Carus, Pres.....La Salle, Ill
A. J. McKay, V.-Pres..... "
E. H. Carus, Sec..... "
E. T. Barnes, Treas..... "
¶★✠J. B. McCaffrey, Mgr. & Asst. Sec..... "

514a—LAUREL FORK RY. CO.
17 Mls, 3 Loco, Cars: 30 Frt
Pittsburgh address, 1208 Union Bk. Bldg
A. R. Flinn, Pres.....Pittsburgh, Pa
E. C. Alexander, V.-Pres.....Elizabethton, Tenn
D. O. Jones, Sec. & Treas. } Pittsburgh, Pa
W. T. Marshall, Aud... } "
✪O. W. Richardson, Gen. Mgr "
¶★✠✪R. W. Pettigrew, } Braemar, Carter
Supt..... } Co., Tenn.

515—LAURINBURG & SOUTHERN R. R CO. 30 Mls, 3 Loco, Cars: 2 Pass
J. F. McNair, Pres.....Laurinburg, N. C
C. E. Beman, Sec..... "
Z. V. Pate, Treas..... "
J. W. Hollis, Aud..... "
✪J. L. McNair, Gen. Mgr. "
¶★✠G. Y. Jones, Traf. Mgr. & Supt..... "

516—LEAVENWORTH & TOPEKA R. R. CO., THE
46 Mls, 3 Loco, Cars: 2 Frt, 2 Pass (including 1 Motor)
✪J. E. Waddill, Pres....Kansas City, Mo
O. B. Gufler, V.-Pres.....Topeka, Kan
S. C. Porter, Sec....Leavenworth, Kan
G. W. Hanna, Treas....Clay Center, Kan
E. H. Hogueland, Gen. Coun. Topeka, Kan
¶§★J. Davies, Gen. Mgr. } Leavenworth,
& Aud..... } Kan.
G. Walker, Car Acct..... "
J. W. Winkler, Rd. Mast..Ozawkie, Kan

SAFETY LIGHTING FIXTURES The Safety C. H. & L. Co. 2 Rector St., New York.

For Passenger and Freight Cars

use the Diamond "S"
Steel Back Brake Shoes

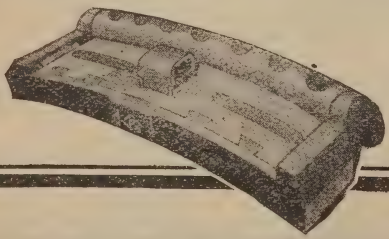
For Locomotive Driving Wheels

use the Center Fastening
Diamond Perfecto Driver Brake Shoes

Each has been proven by many tests the best shoe for its purpose. Their use assures maximum service for high braking efficiency and therefore lower brake shoe cost as compared with any other type or make of shoe you might choose.

"Best by Test"

AMERICAN BRAKE SHOE & FOUNDRY CO.
30 CHURCH STREET, NEW YORK
332 South Michigan Ave., Chicago Chattanooga, Tenn.



517—LEESVILLE, SLAGLE & EASTERN RY. CO.

10 Mls, 1 Loco, Cars: 1 Frt, 1 Pass

Kansas City address, Long Bldg.

G. W. Grandin, Pres.....Cleveland, O
C. E. Slagle, V.-Pres.....Clarks, La
R. B. White, V.-Pres. & Treas.....Kansas City, Mo
¶★✠H. H. Rhodes, Sec. & Gen. Mgr.....Slagle, La
F. C. Broadway, Traf. Mgr.....Kansas City, Mo
J. L. Ledbetter, Supt. & Aud. Slagle, La
P. A. Bloomer, Gen. Supt.....Fisher, La

518—519—

520—LEHIGH & HUDSON RIVER RY. CO., THE

96 Mls, 41 Loco, Cars: 431 Frt, 12 Pass, 132 Misc

M. Rutherfurd, Pres. & Gen. Mgr.....Warwick, N. Y.
W. H. Sayer, Sec. & Treas.....
B. J. Stidworthy, Asst. Sec. & Asst. Treas.....
C. S. Beattie, V.-Pres. & Gen. Coun.....
S. B. Johnson, Clms. Atty.....
F. F. Wildrick, Aud.....
H. G. Pierson, G. F. & P. A.....
§ W. C. Muth, Act. Supt.....
¶ A. M. Holmes, Pur. Agt.....
S. Meyers, Gen. Str. Kpr.....
J. B. Icsman, M. M.....
C. F. Richards, Ch. Car Insp.....Phillipsburg, N. J
A. Hann, Act. Rd. For. Eng. Warwick, N. Y
J. E. Barrett, Supt. Track, Brdgs. & Bldgs.....
J. N. Shaw, Valua. Eng.
C. H. Bennett, Sig. Supvr

521—LEHIGH & NEW ENGLAND R. R. CO.

219 Mls, 64 Loco, Cars: 3,562 Frt, 13 Pass, 102 Misc

Philadelphia address, 437 Chestnut St.

S. D. Warriner, Pres.....Philadelphia, Pa.
R. H. Wilbur, V.-Pres. & Gen. Mgr.....
W. J. Turner, V.-Pres. & Gen. Coun.....
H. H. Pease, Sec. & Treas.....
O. E. Neff, Asst. Treas.....
G. P. Orlady, Gen. Solr.....
W. H. Whitehead, Gen. Aud.....Bethlehem, Pa
J. L. Stone, R. E. Agt..Philadelphia, Pa
T. J. Fretz, G. F. & P. A.....Bethlehem, Pa.
F. W. D. Goddard, Asst. G. F. & P. A.....
E. W. Drinker, Frt. Clm. Agt.
M. A. Gangawer, Ch. Tar. Bur.
C. W. Brown, Supt.....
J. R. Brown, Car Acct.....
¶ J. R. Bennington, Pur. Agt.....Philadelphia, Pa
F. T. Swain, Asst. Pur. Agt.
J. S. Genther, Gen. Str. Kpr.....Pen
R. L. Wyman, M. M.....Argyl, Pa
H. L. Harper, Asst. M. M.....Pen
H. Ronalds, Rd. For. Eng.....Argyl, Pa
J. H. Ford, Gen. Car For.....
H. Harvey, Gen. For. Shops.....
C. Haldeman, For. Paint.....
E. H. Shipman, Ch. Eng.....Bethlehem, Pa.
F. W. Gilcreast, Eng. M. W.....
W. O. Dennis, Insp. M. W.....
J. E. Hackman, Supvr. Tel. & Sig.....

522—

523—LEHIGH VALLEY R. R. CO.

1,364 Mls, 958 Loco (inc. 1 Oil-Elec.), Cars: 30,197 Frt, 669 Pass, 2,507 Misc

Philadelphia address, 228 S. 3d St.

New York address, 143 Liberty St.

EXECUTIVE, FINANCIAL AND LEGAL.

E. E. Loomis, Pres.....New York, N. Y. / Philadelphia, Pa
J. Duffy, Asst. to Pres.....New York, N. Y.
J. A. Middleton, V.-Pres.....
F. L. Blendinger, V.-Pres.....
G. H. Foster, Act. V.-Pres.....
E. H. Boles, V.-Pres. & Gen. Coun.....
C. E. Hildum, V.-Pres.....New York, N. Y & Compt.....Philadelphia, Pa
D. G. Baird, Sec.....Philadelphia, Pa
E. A. Albright, Asst. Sec. New York, N. Y
H. R. German, Asst. Sec.
J. W. Robbins, Asst. Sec. & Asst. Treas.....Philadelphia, Pa.
A. F. Bayfield, Treas.
G. W. Wiley, Asst. Treas.
R. W. Barrett, Gen. Solr.....New York, N. Y.
E. H. Burgess, Asst. Gen. Solr.
C. A. Major, Asst. Gen. Solr.
W. F. Gleeson, Clm. Atty.
V. P. Sennett, Asst. Clm. Atty.
R. D. Van Duzer, Gen. Land & Tax Agt.
W. R. Headden, Asst. Gen. Land & Tax Agt.
L. M. Pierce, Asst. Gen. Land & Tax Agt.

ACCOUNTING.

C. E. Hildum, V.-Pres.....New York, N. Y & Compt.....Philadelphia, Pa
J. I. Morrison, Gen. Aud. Philadelphia, Pa
E. Laughton, Aud. Traf.
C. H. Radcliffe, Aud. Dis.

TRAFFIC.

J. A. Middleton, V.-Pres.....New York, N. Y.
D. G. Roesch, Asst. to V.-Pres.
C. A. Blood, Traf. Mgr.
H. C. Hamilton, Asst. to Traf. Mgr.
O. F. Johnson, Frt. Traf. Mgr.
E. J. Henry, Western Traf. Mgr.....Chicago, Ill
W. L. Donaldson, Gen. Frt.....New York, N. Y.
Traf. Agt.
A. C. McIntyre, G. F. A.....

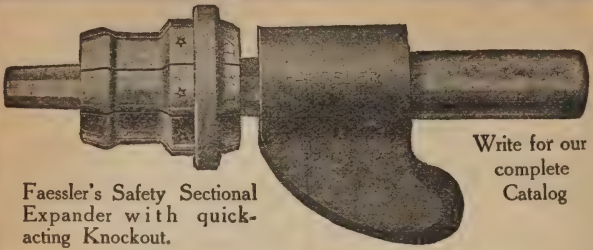
ASST. GENERAL FREIGHT AGENTS.

I. S. Auch.....Buffalo, N. Y
T. C. Beck.....New York, N. Y
E. F. Neagle.....

FOREIGN FREIGHT AGENTS.

W. T. Moore.....Philadelphia, Pa
G. N. Whelpley.....New York, N. Y

ELESCO SUPERHEATERS FEED WATER HEATERS THE SUPERHEATER COMPANY NEW YORK CHICAGO



Faessler's Safety Sectional Expander with quick-acting Knockout.

Write for our complete Catalog

Boiler Makers' Tools—The Best

We make a specialty of railroad work and have a complete line of the following:

SUPERHEATER FLUE EXPANDERS
ROLLER FLUE EXPANDERS
SECTIONAL FLUE EXPANDERS
PNEUMATIC FLUE EXPANDERS
ARCH FLUE EXPANDERS
WELDED TUBE EXPANDERS
TUBE CUTTING MACHINES FOR LOCOMOTIVE TUBES

Our Guarantee and free trial inducements are unequaled in the boiler tube field.

If you want special patterns, submit blue print or template and we will furnish estimates.

J. Faessler Mfg. Co.

TRADE MARK BOSS REGISTERED

Main Office and Works:
MOBERLY, MO.

523—LEHIGH VALLEY—Continued.

M. J. Ormond, Gen. East'n Frt. Agt. ..... New York, N. Y
J. F. Sullivan, Asst. Gen. East. Frt. Agt. ..... "
N. W. Pringle, Pass. Traf. Mgr. ..... "
C. A. Barber, G. P. A. ..... "

ASST. GENERAL PASSENGER AGENTS.

J. F. Andrews ..... New York, N. Y
S. W. Garner ..... Buffalo, N. Y
P. S. Millspaugh ..... Philadelphia, Pa

D. F. Lindsley, Gen. West'n Pass. Agt. ..... Chicago, Ill
J. M. Heath, Frt. Clm. Agt. ..... Philadelphia, Pa
F. H. Moser, Coal Frt. Agt. } New York.
B. F. Dewey, Milk Agt. ..... } N. Y.
P. H. Burnett, Ind. Comr. ..... "
F. E. Hammann, Mgr. Mail Traf. & Gen. Bag. Agt. ..... "

OPERATING.

F. L. Blendinger, V.-Pres. } New York,
G. H. Foster, Act. V.-Pres. } N. Y.
J. F. Maguire, Gen. Mgr. ..... } Bethle-
F. Hartenstien, Asst. to Gen. } hem, Pa
Mgr. ..... "
J. N. Haines, Supt. Trans. ..... "
A. E. O'Dea, Supvr. Trans. ..... "

DIVISION SUPERINTENDENTS.

W. W. Abbott ..... Jersey City, N. J
F. M. Barker ..... Buffalo, N. Y
P. J. Flynn ..... Hazleton, Pa
R. L. Gebhardt ..... Wilkes-Barre, Pa
F. Maguire ..... Auburn, N. Y
M. A. Mulligan ..... Easton, Pa
P. T. Reilly ..... Sayre, Pa
J. J. Swift (Asst.) ..... Jersey City, N. J

J. F. Caskey, Supt. Tel. ..... Bethlehem, Pa
T. J. Clarken, Mgr. Lighter- } New York-
age Dept. ..... } N. Y.
C. M. Moore, Supt. Float. } Jersey City,
Equip. ..... } N. J.
P. A. Ellerman, Supt. Din. Car Serv. ..... Easton, Pa
J. Keller, Supt. Fuel Dept. Bethlehem, Pa

ASST. SUPERINTENDENTS FUEL DEPT.

W. Baker ..... Wilkes-Barre, Pa
J. H. Conners ..... Easton, Pa
H. Piollet ..... Sayre, Pa
R. D. Dreisbach, Fuel Insp. ..... Bethlehem, Pa
Dr. D. Guthrie, Ch. Surg. ..... Sayre, Pa

PURCHASING.

¶ H. J. McQuade, Pur. Agt. New York, N. Y
C. B. Tobey, Gen. Str. Kpr. ..... Wilkes-Barre, Pa
W. J. McKaig, Supvr. Strs. "

DISTRICT STORE KEEPERS.

C. H. Kelly ..... Sayre, Pa
J. W. Watkins ..... Packerton, Pa

DIVISION STORE KEEPERS.

F. P. Cleveland ..... Buffalo, N. Y
A. E. Kreidler ..... } Ashmore, Pa.
} P. O. Stockton
W. J. Sidey ..... } Coxton, Pa.
} P. O. Pittston
G. W. Thomas ..... Easton, Pa
R. E. Walker ..... Auburn, N. Y

MECHANICAL.

§ F. N. Hibbits, Supt. M. P. } Bethlehem,
A. M. McGill, Asst. S. M. P. } Pa.
W. I. Cantley, Mech. Eng. ..... "
L. G. Smith, Elec. Eng. ..... "
S. E. Printz, Eng. Tests. Packerton, Pa

MASTER MECHANICS.

F. D. Bates ..... Auburn, N. Y
C. F. Conahan ..... } Ashmore, Pa
} P. O. Stockton
D. W. Davis ..... Wilkes-Barre, Pa
C. F. Helme ..... So. Easton, Pa
M. Jefferson ..... Sayre, Pa
H. E. Myers ..... Buffalo, N. Y

ROAD FOREMEN OF ENGINES.

G. C. Bradley ..... Auburn, N. Y
H. M. Detrick ..... Buffalo, N. Y
J. L. Dolan ..... Hazleton, Pa
J. J. Kane ..... Sayre, Pa
F. J. Lyons ..... Wilkes-Barre, Pa
C. N. Page ..... Buffalo, N. Y
W. C. Park ..... Sayre, Pa
H. W. Reichard ..... Easton, Pa

ASST. ROAD FOREMEN OF ENGINES.

J. E. Barrington ..... White Haven, Pa
S. Bivens ..... Sayre, Pa
C. Buckley ..... Wilkes-Barre, Pa
M. M. Carrier ..... Sayre, Pa
C. H. Dorshimer ..... Jersey City, N. J
F. Falk ..... Lehighton, Pa
F. J. Frederick ..... Easton, Pa
R. E. Hammond ..... Cortland, N. Y
P. J. Talty ..... Buffalo, N. Y
M. Woodburn ..... Sayre, Pa

SHOP SUPERINTENDENTS.

F. Fouse ..... Packerton, Pa
J. P. Laux ..... Sayre, Pa

J. S. Lentz, M. C. B. ..... } Bethlehem,
I. Everett, Ch. Car Insp. ... } Pa.
T. Lewis, Gen. Boiler Insp. ... Sayre, Pa

ENGINEERING, BRIDGES & ROADWAY

G. T. Hand, Ch. Eng. ..... New York, N. Y
G. A. Phillips, Eng. M. W. Bethlehem, Pa
M. C. Cleveland, Valua. Eng. ..... New York, N. Y
F. E. Schall, Brdg. Eng. ..... } Bethle-
F. C. Stehle, Gen. Brdg. Insp. } hem, Pa
J. Kiley, Insp. M. W. ..... "

DIVISION ENGINEERS.

E. J. Cullen ..... Sayre, Pa
J. F. Donovan ..... Easton, Pa
H. M. Fearon ..... Auburn, N. Y
A. M. King ..... Jersey City, N. J
F. N. Loughnan ..... Wilkes-Barre, Pa
R. E. Patterson ..... Hazleton, Pa
L. P. Rossiter ..... Buffalo, N. Y

SUPERVISORS OF BRIDGES & BUILDINGS.

R. Becker ..... Hazleton, Pa
P. Hofecker ..... Auburn, N. Y
J. W. Holcomb ..... Buffalo, N. Y
C. E. Jacobs ..... Jersey City, N. J
R. E. James ..... Sayre, Pa
L. W. Swan ..... Easton, Pa
E. R. Wenner ..... Wilkes-Barre, Pa

SUPERVISORS.

J. H. Blackwell ..... Delano, Pa
P. Burke ..... Hazleton, Pa
C. Cashman ..... Cortland, N. Y
P. Christiansen ..... Auburn, N. Y
E. Dinan ..... Easton, Pa

LOCOMOTIVE COALING STATIONS

This illustration shows the Gifford-Wood Locomotive Coaling Station operated by the N. Y. C. R. R. at Rensselaer, N. Y. G-W Products include elevating and conveying machinery, trolley bucket conveyors, portable belt and flight conveyors, wagon loaders, hoppers, screens, etc.

MAIN OFFICE - HUDSON, N.Y.
New York Chicago Boston Pittsburgh

Gifford-Wood BUILT STRONGER LASTS LONGER

COAL HANDLING EQUIPMENT

Exide

BATTERIES

For every phase of railway work:—
interlocking, signaling, car-lighting,
automatic train control, etc.

THE ELECTRIC STORAGE BATTERY CO., Philadelphia

The world's largest manufacturers of
storage batteries for every purpose.

In Canada, Exide Batteries of Canada, Limited,
133-157 Dufferin Street, Toronto

523—LEHIGH VALLEY—Continued.

SUPERVISORS—CONTINUED.

C. Hewitt.....Sayre, Pa
B. F. McGuire.....Manchester, N. Y
P. J. McNulty.....Geneva, N. Y
J. A. Murphy.....Sayre, Pa
M. J. Murphy.....Wilkes-Barre, Pa
W. F. Nichols.....Buffalo, N. Y
D. Oakes.....Towanda, Pa
J. E. Pierce.....Ithaca, N. Y
H. F. Reilly.....Wilkes-Barre, Pa
J. F. Reilly.....Lehighton, Pa
J. Sheehan.....Jersey City, N. J
A. B. Shimer.....Easton, Pa

SIGNAL DEPARTMENT.

H. W. Lewis, Sig. Eng.....Bethlehem, Pa

SUPERVISORS OF SIGNALS.

H. E. Arnold.....Buffalo, N. Y
J. G. Bartell.....Easton, Pa
E. C. Johnson.....Wilkes-Barre, Pa
D. S. Rice.....Sayre, Pa
S. Riddle.....Jersey City, N. J
E. D. Warg.....Hazleton, Pa

524—LENOX R. R. CO.

8 Mls, 1 Loco, Cars: 1 Pass, 2 Misc

¶★✠H. M. Collins, V.-Pres....Lenox, Ky
W. S. Sandifer, Aud..... "

525—

526—LIGONIER VALLEY R. R. CO., THE 16 Mls, 6 Loco, Cars: 2 Pass

Pittsburgh address, 514 Smithfield St.

J. R. Mellon, Pres.....Pittsburgh, Pa
T. A. Mellon, V.-Pres.... "
R. B. Mellon, Sec..... "
R. K. Mellon, Treas..... "
¶★✠✪W. V. Hyland, Gen. Mgr. } Ligonier, Pa.
H. M. Johnson, Aud.....

527—LIMA, TOLEDO R. R. CO., THE (Electric).

73 Mls, Cars: 27 Frt, 13 Pass, 6 Misc

B. J. Jones, Pres. & Gen. Mgr....Lima, O
F. A. Bundy, V-Pres. & Gen. Supt. "
C. E. Baker, Sec., Treas. & Aud.. "
C. W. Randolph, Traf. Mgr.... "
H. G. Mason, Supt. Trans..... "
¶ I. McBride, Str. Kpr.. ..... "
§ J. B. Corderman, M. M ..... "
J. F. Cupp, Eng. Rdway.....

528—LIME ROCK R. R. CO.

13 Mls, 4 Loco, Cars: 493 Frt, 6 Misc

G. B. Wood, Pres. & Gen. Mgr..... ....Rockland, Me
C. M. Brewer, Sec.....Boston, Mass
H. A. Buffum, Treas.....Rockland, Me
A. E. Orff, Aud..... "
★✠K. C. Rankin, Supt..... "
¶ E. S Levensaler, Pur. Agt. "

529—LINVILLE RIVER RY. CO.

34 Mls, 3 G, 5 Loco, Cars: 26 Frt, 4 Pass

For officials see East Tennessee & Western North Carolina R. R., No. 307.

530—LITCHFIELD & MADISON RY. CO.

51 Mls, 10 Loco, Cars: 1,029 Frt, 7 Misc

✪J. Duncan, Pres..... } Edwardsville, Ill St. Louis, Mo
W. M. Duncan, V.-Pres..... } Edwards-
A. Kimball, Asst. Sec..... } ville, Ill
S. D. Wheeler, Sec., Treas., } Edwards-
Aud. & G. F. A..... } ville, Ill
R. E. Campbell, Asst. Aud.... "
W. A. Fitzpatrick, Car Acct.. "
¶★C. E. Bickel, Gen. Supt..... "
W. A. Richardson, Ch. Eng... "
T. Goff, Rd. Mast..... "

531—LITTLE RIVER R. R. CO.

30 Mls, 8 Loco, Cars: 36 Frt, 5 Pass, 28 Misc

✪W. B. Townsend, Pres. & Gen. Mgr.....Townsend, Tenn
F. H. McCormick, V.-Pres.....Williamsport, Pa
A. W. Lee, Sec. & Treas.... } Townsend,
F. I. Dew, Aud..... } Tenn.
¶ § D. H. Tipton, Supt. & Pur. Agt..... ..... "
M. L. Tipton, Asst. Supt..... "
W. E. Ijams, Car Acct..... "
R. A. Huffstetler, G. F. & P. A.. "
C. W. Anderson, M. M..... "
E. S. Tipton, Ch. Eng..... "

532 to 535

536—LIVE OAK, PERRY & GULF R. R. CO.

88 Mls, 8 Loco, Cars: 90 Frt, 8 Pass, 3 Misc

¶✪W. T. Hargrett, Pres. & Gen. Mgr.....Live Oak, Fla
R. P. Hopkins, Sec., Treas. & Traf. Mgr.... ..... "
J. F. Harrell, Gen. Coun.. "
H. Sivia, Aud..... "
C. R. Wadsworth, Supt... "
Dr. H. M. Strickland, Ch. Surg..... "
J. T. Bohen, M. M. ..... "
G. P. Kellam, Rd. Mast... "

537—

538—LONDON & PORT STANLEY RY.

25 Mls, 4 Loco, Cars: 8 Frt, 18 Pass, 9 Misc

Operated by the London Ry. Comm.

J. P. Moore, V.-Chman....London, Ont
¶★✠J. E. Richards, Mgr. & Treas..... "
C. S. Way, Aud..... "
C. C. Copeman, G. F. & P. A. "

539—LONG ISLAND R. R. CO.

397 Mls, 169 Loco, Cars: 2,756 Frt, 1,214 Pass, 279 Misc

New York address, Pennsylvania Station

Philadelphia address, Broad St. Station

EXECUTIVE, FINANCIAL AND LEGAL.

W. W. Atterbury, Pres. Philadelphia, Pa
G. LeBoutillier, V.-Pres.... } New York,
R. G. Richardson, Asst. to } N. Y.
V.-Pres..... "
C. L. Addison, Asst. to V.-Pres. & Asst. Sec..... "
A. J. County, V.-Pres..Philadelphia, Pa
E. Wright, Sec.....New York, N. Y
H. H. Lee, Treas..... "
J. M. Wood, Asst. Treas .... } Philadel-
H. P. Conner, Asst. Treas.... } phia, Pa.
C. B. Heiserman, Gen. Coun.. "
E. A. Stockton, Compt..... "
J. F. Keany, Gen. Solr..... } New York,
T. W. Hulme, Gen. R. E. Agt. } N. Y.

Steel Back Brake Shoes THE RAILWAY MATERIALS CO New York • Chicago

RAILWAY DEVICES COMPANY

"Perfect" Drop Brake Handles
"Iron Horse" or Pedestal
"Interlox" Brake Mast Ratchet and Pawl

"Western" Angle Cock Holder
"Spiral" Pipe Clamps

"Sta-Rite"
Uncoupling Lever Attachments

GENERAL OFFICES: 705 OLIVE STREET
SAINT LOUIS, MO.

LOUIS A. HOERR, PRES. STERLING CAMPBELL, V.-PRES.
R. L. LANGTIM, MECH. SUPT.

539—LONG ISLAND—Continued.
C. W. Myers, R. E. Agt....New York, N. Y
L. J. Carruthers, Asst. R. E. Agt. & Asst. Gen. Solr..... "
H. B. Fullerton, Dir. Agri. Medford, N. Y

VALUATION COMMITTEE.
L. V. Morris, Ch. Eng....Jamaica, N. Y
T. J. Ludlam, Aud.....New York, N. Y

ACCOUNTING.
T. J. Ludlam, Aud.....New York, N. Y
F. W. Nichols Aud. Rev. "

TRAFFIC.
P. H. Woodward, G. P. A. New York, N. Y
C. G. Pennington, Asst. G. P. A..... "
D. Wilson, Frt. Clm. Agt. & G. F. A..... "

OPERATING.
✪C. D. Baker, Gen. Supt. New York, N. Y
E. B. Kessler, Supt..... Jamaica,
R. W. Farrell, G. B. A. & Supt. Station Service..... N. Y. "
C. E. Timpson, Supt. Car Serv. "
L. S. Wells, Supt. Tel. & Elec.....New York, N. Y
H. L. DesAnges, Eng. Floating Equip..... Long Island City, N. Y.
G. Mammen, Supt. Police. Jamaica, N. Y
R. H. Newbern, Supt. Ins.....Philadelphia, Pa
T. P. Brennan, Supvr. Safety..... New York, N. Y.
Dr. G. K. Meynen, Ch. Surg. Jamaica, N. Y

PURCHASING.
¶G. Kefer, Pur. Agt.....Jamaica, N. Y
E. G. Thorpe, Gen. Str. Kpr. "

MECHANICAL.
§ G. C. Bishop, Supt. M. P.... Richmond Hill, N. Y.
E. H. Robb, Asst. Eng. M. P.
J. B. Ward, Rd. For. Eng. Jamaica, N. Y

GENERAL FOREMEN.
A. L. Anderson (Car Dept.) Richmond Hill, N. Y.
W. H. Gillies (Elec. Equip.)
E. H. Sweeley (Loco. Rep).. "
R. A. Sheerin (Marine Repairs)..... Long Island City, N. Y

ENGINEERING, BRIDGES & ROADWAY
L. V. Morris, Ch. Eng.....Jamaica, N. Y
G. Gibbs, Ch. Eng. Elec. Tract.....New York, N. Y
E. M. Weaver, Eng. M. of W. Jamaica,
G. P. Williams, Asst Eng. M. W. N. Y.
W. Gray, For. M. W..... "
T. J. Carlile, Prin. Asst. Eng.... "
J. E. Breen, Asst. to Ch. Eng.. "
F. Auryansen, Brdg. Eng..... "
E. L. Goldsmith, Supt. Constr. "
C. W. Wright, Mast. Carp..... "
M. J. Loeffler, Supvr. Brdgs.. "
E. P. Self, Supvr. Bldgs..... "

TRACK SUPERVISORS.
C. F. Dunbar.....Long Island City, N. Y
K. M. Hamman.....Jamaica, N. Y
R. Haring..... "
F. Nehrhoff.....Patchogue, N. Y
W. Steers.....Hicksville, N. Y

SIGNAL DEPARTMENT.
SIGNAL SUPERVISORS.
C. Soper.....Jamaica, N. Y
W. Tyler..... "

ASSISTANT SIGNAL SUPERVISORS.
W. L. Buck.....Jamaica, N. Y
C. E. Voege..... "
L. F. Vieillard, Gen. Sig. Insp.....Jamaica, N. Y

540—LONGVIEW, PORTLAND & NORTHERN RY. CO.
30 Mls, 5 Loco, Cars: 296 Frt, 2 Pass
R. A. Long, Chmn of Bd. Kansas City, Mo.
M. B. Nelson, Pres..... "
J. D. Tennant, V.-Pres..... "
✪R. S. Davis, V.-Pres. (Traf.) "
★S. M. Morris, V.-Pres. & Gen. Mgr..... Longview, Wash.
R. T. Demsey, Sec. & Treas..... Kansas City, Mo.
R. W. Stith, Compt..... "
H. B. Robertson, Aud..... Longview, Wash.
L. E. Chaffin, Asst. Aud..... "
G. L. Anderson, Traf. Mgr.... "
K. C. Batchelder, G. F. & P. A. "
B. Vandercook, Supt..... "
¶W. R. Taber, Pur. Agt..... "
W. Vandercook, Ch. Eng..... "
H. A. Douglas, Maint. Eng.... "

541—LORAIN & WEST VIRGINIA RY. CO., THE 25 Mls, 1 Loco
Operated by W. & L. E. Ry., No. 1051.

542—LORAIN, ASHLAND & SOUTHERN R. R. CO., THE
Abandoned August, 1925.

543—LORANGER, LOUISIANA & NORTH EASTERN R. R. CO.
Operation discontinued, September, 1925.

—† LOS ANGELES & SALT LAKE R. R. CO. *See U. P. Sys., No. 1001d.*

544—†LOTBINIERE & MEGANTICRY. CO., THE
See Canadian National Rys., No. 137.

545—LOUISIANA & ARKANSAS RY. CO
302 Mls, 43 Loco, Cars: 1,136 Frt, 30 Pass, 89 Misc
W. J. Buchanan, Pres..Texarkana, Ark
J. G. Boyce, Asst. to Pres. "
J. A. Buchanan, V.-Pres. & Sec..... "
✪C. G. Lunday, V.-Pres. & Gen. Mgr.....Minden, La
A. L. Burford, Gen. Atty. Texarkana, Ark
W. P. Rowland, Clm. Agt...Minden, La
F. S. Carroll, Treas....Texarkana, Ark
O. E. Moore, Aud..... "
B. S. Atkinson, Traf. Mgr..... "
J. R. McClurken, G. F. & P. A..... "
F. A. Key, Jr., Asst. G. F. & P. A.....Shreveport, La
N. Johnson, Supt.....Minden, La
W. L. Hancock, Car Acct... "
¶W. F. Wright, Pur. Agt. Texarkana, Tex
J. L. Duncan, Str. Kpr.....Minden, La
§ J. E. Tierney, Mech. Supt,.. "
Dr. J. R. Dale, Ch. Surg. Texarkana, Ark
E. F. Salisbury, Ch. Eng.....Minden, La
D. Zenor, Supvr. B. & B.... "
F. A. Guynes, Rd. Mast...Winnfield, La
T. H. Irwin, Rd. Mast.....Minden, La

READING PIPE

Genuine Wrought Iron

Standard, Strong and Extra Strong

For resistance to corrosion and vibratory stresses

Also manufacturers of

RAILWAY SIGNAL PIPE

"Reading" Charcoal Iron Boiler Tubes

"Reading" Cut Nails

READING IRON COMPANY

Reading, Pa.

DISTRICT OFFICES

Boston Baltimore Chicago Dallas
New York Pittsburgh St. Louis San Francisco
Philadelphia Cincinnati Los Angeles

DISTRICT REPRESENTATIVES

Atlanta Tulsa Detroit Seattle Houston

546—LOUISIANA & NORTHWEST R. R. CO. 99 Mls, 15 Loco, Cars: 27 Frt, 12 Pass, 16 Misc
New York address, 220 Broadway.
W. M. Cannon, Pres. & Gen. Coun. ..... } New York, N. Y.
¶✪E. R. Bernstein, V.-Pres. & Gen. Mgr. ..... } Shreveport, La.
P. Rohrbach, Sec. ..... New York, N. Y
W. Tallman, Treas. ... "
E. C. Mann, Aud. ..... Homer, La
L. S. Rand, Traf. Mgr. ..... "
W. M. Kent, Supt. ..... "
Dr. L. Abramson, Ch. Surg. .. "
J. M. Oakes, Str. Kpr. ..... "
J. T. Simpson, M. M. ..... "
T. C. Windle, Rd. Mast. ..... "

—†LOUISIANA & PACIFIC RY. CO.
Operated by S., A. & So. W. Ry. System. No. 599.

546a—LOUISIANA & PINE BLUFF RY. CO. 119 Mls, 3 Loco, Cars: 13 Frt, 1 Pass
✪E. A. Frost, Pres. ..... Shreveport, La
✠G. S. Prestridge, V.-Pres. & Gen. Mgr. ..... "
C. W. Nelson, V.-Pres. .... St. Louis, Mo
★F. W. Scott, Sec., Treas. & Supt. ..... Huttig, Ark
S. H. Dowell, Asst. Sec. & Asst. Treas. ..... Shreveport, La
R. F. Humble, Gen. Aud. ... "
G. Reeves, Traf. Mgr. ..... St. Louis, Mo
¶C. Howard, Pur. Agt. ..... Huttig, Ark
J. H. Shaw, G. F. & P. A. Shreveport, La

547—LOUISIANA RY. & NAV. CO., THE 334 Mls, 51 Loco, Cars: 1,281 Frt, 41 Pass., 120 Misc
Wm. Edenborn, Pres. ..... } Shreveport, La
✪E. A. Staman, Asst. to Pres. ..
P. Sippel, V.-Pres. ..... "
J. J. Tippin, Sec. & Aud. ..... "
E. O. Mann, Treas. ..... "
E. H. Randolph, Gen. Coun. .. "
R. E. Milling, Gen. Atty. .. New Orleans, La
E. A. Berry, Asst. Aud. ..... } Shreveport, La
L. F. Young, Land & Tim. Agt. ..
C. H. Atherton, Ch. Tarf. Bur. "
J. G. Lynch, Frt. Clm. Agt. .... "
J. N. Campbell, Traf. Mgr. .... "
L. H. Mathis, Asst. G. F. A. .... "
R. J. Blair, Supt. ..... "
H. L. Graham, Supt. Term. ..... New Orleans, La
J. W. Leggett, Car Acct. Shreveport, La
¶C. C. Colley, Pur. Agt. .. "
§M. F. McCarra, M. M. .... "
J. Holeman, For. Paint. .. "
C. R. Mee, Ch. Eng. ..... "

547a—LOUISIANA RAILWAY & NAVIGATION COMPANY OF TEXAS.
206 Mls, 14 Loco, Cars: 287 Frt, 10 Pass, 27 Misc.
New Orleans address, 701 Title Guaranty Bldg.
✪W. Edenborn, Pres. .... Shreveport, La
R. R. Farmer, V.-Pres. .... } Greenville, Tex.
¶H. L. Money, Asst. to V.-Pres. } & Pur. Agt. ..... "
E. P. Twyman, Sec., Treas. & Aud. "
M. M. Miller, Asst. Treas. .... "
R. E. Milling, Gen. Solr. New Orleans, La
J. N. Campbell, Traf. Mgr. } Greenville, Tex.
R. H. Ragan, G. F. & P. A. }
N. B. Thomas, Clm. Agt. .... "
M. G. Tull, Supt. ..... "
O. T. Gruene, Car Acct. .... "
Dr. W. Cantrell, Ch. Surg. .. "
J. W. Varley, M. M. ..... "
W. C. Borchert, Ch. Eng. ... "

547b—LOUISIANA SOUTHERN RY. CO.
65 Mls, 6 Loco, Cars: 22 Frt, 9 Pass, 5 Misc
New York address, 1 Broadway.
A. Stanley, Ch. of Board .. London, Eng
✪H. S. Fleming, Pres. .... New York, N. Y
P. A. Cooper, V.-Pres. .... London, Eng
S. Gibbs, V.-Pres. ..... "
G. Janvier, Gen. Coun. New Orleans, La
L. G. Pfefferle, Sec. & Treas. ..... "
L. G. Smith, Aud. & G. F. & P. A. ..... "
¶✪F. E. Prewett, Gen. Mgr. "
§W. J. Philips, M. M. .... "
C. S. Kirkpatrick, Ch. Eng. Houston, Tex

548—LOUISIANA WESTERN R. R. CO.
208 Mls, 33 Loco., Cars: 2,086 Frt, 48 Pass, 88 Misc
(Equipment also included in So. Pacific Lines, Louisiana Lines).
(Mileage included in So. Pacific Lines—La. Lines).
Operated by So. Pac. Lines—La. Lines. No. 931.

548a—LOUISVILLE & JEFFERSONVILLE BRIDGE & R. R. CO.
Operated by C. C. C. & St. L. Ry. Co., No. 229, and C. & O. Ry. Co., No. 176.

549—LOUISVILLE & NASHVILLE R. R CO. 5,038 Mls, 1,365 Loco, Cars: 66,296 Frt, 923 Pass, 2,434 Misc

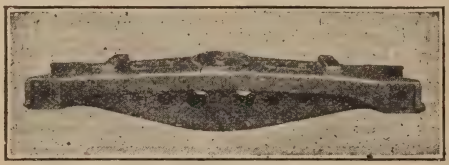
EXECUTIVE, FINANCIAL AND LEGAL
H. Walters, Chman. of Board ..... New York, N. Y
H. G. Day, Asst. to Chman. "
W. R. Cole, Pres. ..... Louisville, Ky
G. E. Evans, Exec. V.-Pres. "
A. R. Smith, V.-Pres. .... "
E. L. Smithers, V.-Pres. .. New York, N. Y
E. S. Jouett, V.-Pres. & Gen. Coun. ..... } Louisville, Ky
J. C. Michael, Sec. .... "
E. S. Locke, Treas. ..... "
W. J. McDonald, Asst. Sec. & Asst. Treas. ..... } New York, N. Y.
W. A. Northcutt, Gen. Solr. .... } Louisville, Ky
S. Smith, Gen. Atty. ..... }
M. K. Gilbert, Asst. Sec. & Transfer Agt. ..... "
G. E. Zubrod, R. E. Agt. ..... "
J. J. Donohue, Gen. Clms. Atty. "

ACCOUNTING.
E. L. Smithers, V.-Pres. .. New York, N. Y
A. J. Pharr, Compt. ..... } Louisville, Ky.
W. F. Kennedy, Asst. Compt. }
H. F. Thompson, Asst. Compt. "
G. Becker, Aud. Rec. ..... "
H. B. Cutter, Aud. Frt. Accts. "
G. B. Reeves, Aud. Disb. .... "
D. J. Duane, Asst. Aud. Disb. "
W. A. Meglemery, Aud. Pass. Accts. ..... "

THE GOULD COUPLER CO.

OFFICES
250 Park Ave., New York
Straus Bldg., Chicago
Depew, N.Y.

WORKS
Malleable Iron, Depew, N.Y.
Cast Steel, Depew, N.Y.
Electrical, Depew, N.Y.



Gould "Z" Truck Bolster.

A. R. A. Standard "D" Couplers

Gould M. C. B. Couplers

Gould Truck Side Frames

Gould Cast Steel Bolsters

Gould Slack Adjusters

Cast Steel End Sills

Steel Castings

Malleable Iron Castings

Gould Electric Car Lighting

Gould Simplex Turbo-Generator for Loco Head Light

549—LOUISVILLE & NASHVILLE—Continued.

E. J. Duane, Aud. Sta. Accts. } Louisville, Ky.
J. F. Seger, Aud. Over-charge Clms } "

TRAFFIC.

A. R. Smith, V.-Pres. ..... Louisville, Ky.
L. L. Drescher, Asst. to V.-Pres. ..... "
J. G. Kerr, Asst. to V.-Pres. "
W. A. Russell, Pass. Traf. Mgr "
R. D. Pusey, G. P. A. ..... "
J. K. Ridgely, G. P. A. .. New Orleans, La
C. J. Lieber, Asst. G. P. A. .. Louisville, Ky
E. A. De Funiak, Frt. Traf. Mgr. ..... Louisville, Ky

GENERAL FREIGHT AGENTS.

B. Arnold (Supt. Term) ... Cincinnati, O
H. P. Cornick ..... Evansville, Ind
C. D. Quinn ..... Louisville, Ky
J. A. Ridgely ..... Montgomery, Ala

ASST. GENERAL FREIGHT AGENTS.

J. K. Dent ..... Louisville, Ky
H. C. Kremer ..... "
C. H. Ryan, Jr. ..... "
W. P. Hines, G. B. A. ..... Louisville, Ky
H. T. Lively, Gen. Clm. Agt. "
J. A. Bywater, For. Frt. Agt. "
J. M. Dewberry, Gen. Coal & Coke Agt. ..... "

OPERATING.

G. E. Evans, V.-Pres. } Louisville, Ky.
T. E. Brooks, Gen. Mgr. }
W. E. Smith, Asst. Gen. Mgr. "
J. J. Grosche, Asst. to Gen. Mgr. "
T. B. Turner, Asst. to Gen. Mgr. "

DIVISION SUPERINTENDENTS.

D. E. Beatty ..... Montgomery, Ala
J. Bose ..... New Orleans, La
M. Devney ..... Evansville, Ind
W. O. Dilley ..... Louisville, Ky
J. D. Haydon ..... Ravenna, Ky
O. B. Hollingsworth ... Middlesboro, Ky
W. P. Howard ..... Russellville, Ky
J. G. Metcalfe, Jr. ..... Paris, Ky
J. A. Morrison ..... Birmingham, Ala
R. C. Morrison ..... Knoxville, Tenn
E. O. Saltmarsh ..... Pensacola, Fla
A. B. Scates ..... Memphis, Tenn
M. Seargeant ..... Etowah, Tenn
W. F. Sheridan ..... Louisville, Ky
J. R. Wheeler ..... Nashville, Tenn

ASST. DIVISION SUPERINTENDENTS.

W. M. Boykin ..... Mobile, Ala
O. F. Davidson ..... Nashville, Tenn
E. G. Evans ..... Birmingham, Ala
R. E. Kemper ..... Evansville, Ind
A. J. Lamb ..... Birmingham, Ala
J. K. McCaskill ..... Pensacola, Fla
D. K. Price ..... Middlesboro, Ky
H. E. Starks ..... Montgomery, Ala
E. L. Wise ..... Ravenna, Ky

SUPERINTENDENTS TERMINALS.

J. B. Arbegust ..... Louisville, Ky
B. Arnold (G. F. A.) ..... Cincinnati, O
A. W. Brant (Asst.) ..... Louisville, Ky
J. Fitzgerald ..... St. Louis, Mo
A. T. Hamilton (Asst.), Nashville, Tenn
R. D. Ross (Asst.) ..... Cincinnati, O
L. G. Waldrop ..... Nashville, Tenn
F. M. Wooddall ..... Atlanta, Ga

W. J. Haylow, Supt. Trans. } Louisville, Ky.
C. B. Phelps, Asst. Supt. Trans. }
A. W. Thompson, Car Acct. "
R. F. Watts, Asst. Car Acct. "
S. Weatherly, Supt. Perishable Frt. "
R. L. Pilling, Supvr. Safety. "
R. R. Hobbs, Supt. Tel. "
W. G. McEwan, Supt. Din. Cars. "

PURCHASING.

¶ H. T. Shanks, Pur. Agt. Louisville, Ky
G. W. Conway, Gen. Str. Kpr. "
E. Meyer, Asst. Gen. Str. Kpr. "
W. C. Arbegust, Sta. ..... "

MECHANICAL.

C. F. Giles, Supt. Mach. .. Louisville, Ky

ASST. SUPERINTENDENTS OF MACHINERY.

C. J. Bodemer ..... Louisville, Ky
M. F. Cox ..... "
T. O. Sechrist ..... "

J. A. Rabuck, Mech. Eng. Louisville, Ky
S. J. Wagar, Chemist & Engr. Tests ..... "

DIVISION MASTER MECHANICS.

G. H. Berry ..... Etowah, Tenn
B. E. Dupont ..... Howell, Ind
J. L. Enoch ..... Nashville, Tenn
H. Feather ..... Corbin, Ky
T. H. Hogan ..... Paris, Tenn
W. E. Hunter ..... Covington, Ky
C. W. Mathews ..... Albany, Ala
J. D. Maxwell ..... Mobile, Ala
J. B. Merrill ..... Montgomery, Ala
F. W. Oakley ..... Ravenna, Ky
E. O. Rollings ..... South Louisville, Ky
T. F. Ryan ..... } Boyles, Ala. / P. O. Birmingham
C. L. Sengel ..... Louisville, Ky
M. Smith ..... Russellville, Ky
J. E. White ..... Pensacola, Fla

ASST. DIVISION MASTER MECHANICS.

B. W. Blue ..... Lexington, Ky
B. B. Cleaton ..... } Loyall, Ky / P. O. Baxter
T. H. Cremer ..... Corbin, Ky
C. A. Osborn ..... Howell, Ind
G. W. Rankin ..... South Louisville, Ky
F. M. Shilcer ..... Albany, Ala

C. L. Kincaid, Elec. Eng. Louisville, Ky
R. E. Gallagher, Asst. Elec. Eng. ..... "

FOREMEN PAINTERS.

C. D. Beyer ..... Pensacola, Fla
L. W. Lee ..... } New Decatur, Ala / P. O. Albany
G. Schumpp ..... South Louisville, Ky
J. Woodruff ..... Evansville, Ind
F. W. Yent ..... Covington, Ky

ENGINEERING, BRIDGES & ROADWAY

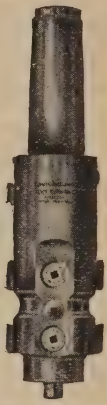
W. H. Courtenay, Ch. Eng. ... } Louisville, Ky
C. H. Blackman, Prin. Asst. Eng. ..... "
L. L. Morton, Spec. Eng. ..... "
R. Montfort, Conslt. Eng. ..... "
J. F. Burns, Asst. Eng. M. W. .. "
J. C. Haly, Arch ..... "
G. R. Smiley, Ch. Eng. Constr. ... "

Davis

EXPANSION CAR WHEEL BORING TOOLS

SPECIAL "TWO-IN-ONE"

STANDARD



REGULAR "TWO-IN-ONE"

Bore 98% of all Car Wheels

Used by 100% of all the Principal Roads

Maximum efficiency and economy is assured when your wheel borers are equipped with the New Improved Davis Expansion Car Wheel Boring Tools.

Send for full particulars.

Davis Boring Tool Company

Incorporated

ST. LOUIS, MO.

Largest Exclusive Manufacturers of Expansion Boring Tools and Reamers

549—LOUISVILLE & NASHVILLE—Continued.

B. M. Taylor, Valua. Eng. ... } Louisville, Ky
J. M. Salmon, Brdg. Eng. ... }
A. Snellen, Insp. B. & B. ... "
C. H. Mitchell, Ch. } 926 West Broadway, Louisville, Ky.
Lumber Insp. ... }

ASSISTANT ENGINEERS.

G. H. Beasley ... Ravenna, Ky
B. D. Howe ... Pensacola, Fla
B. Hughes ... Evansville, Ind
B. E. Jacocks ... Knoxville, Tenn
G. E. Johnston ... Louisville, Ky
A. T. Kinne ... "
G. K. McCormick ... Middlesboro, Ky
W. R. Morris ... Bay St. Louis, Miss
R. E. Nottingham ... Nashville, Tenn
A. A. Pogue ... Paris, Ky
H. P. Ruggles ... Etowah, Tenn
J. E. Scott ... Louisville, Ky
L. I. Smith ... Birmingham, Ala
W. G. Thompson ... Montgomery, Ala.
R. C. Young ... Paris, Tenn

SUPERVISORS OF BRIDGES & BUILDINGS.

H. M. Brooks ... Lagrange, Ky
A. J. Catchot ... Ocean Springs, Miss
R. O. Elliott ... Nashville, Tenn
W. J. Hamn ... Pensacola, Fla
J. J. Herms ... Louisville, Ky
T. H. King ... Knoxville, Tenn
H. Leech ... Middlesboro, Ky
W. J. Mahoney ... Etowah, Tenn
S. E. McClanahan ... Paris, Ky
A. B. McVay ... Evansville, Ind
T. H. Martin ... Ravenna, Ky
J. E. Rawlinson ... Louisville, Ky
W. G. Stewart ... Nashville, Tenn
H. L. Tucker ... Montgomery, Ala
M. P. Walden ... Paris, Tenn
O. O. Wilhite ... Birmingham, Ala

ASST. SUPVR. OF BRIDGES & BUILDINGS.

J. A. Carpenter ... Montgomery, Ala
D. Cockerham ... Ravenna, Ky
W. O. Dyson ... Pensacola, Fla
W. T. Hutton ... Middlesboro, Ky
J. W. McKinney ... Birmingham, Ala
W. H. Rooksby ... Lagrange, Ky
C. M. Roy ... Birmingham, Ala
W. Sheley ... Evansville, Ind
J. R. Watt, Gen. Rd. Mast. Louisville, Ky

ROAD MASTERS.

L. L. Adams ... Louisville, Ky
M. E. Batts ... Pensacola, Fla
R. A. Bryson (Asst.) ... Ravenna, Ky
M. Clarke (Asst.) ... Athens, Ala
R. N. Crapster ... Paris, Tenn
O. Crawford ... Bay St. Louis, Miss
F. C. Flynt ... Russellville, Ky
A. F. Frendberg ... Ravenna, Ky
A. B. Gloster ... Middlesboro, Ky
R. S. Goldthwaite ... Montgomery, Ala
E. C. Haynie ... Anniston, Ala
J. S. Hestle ... Nashville, Tenn
R. Lavon ... Lagrange, Ky
R. M. Leeds ... Louisville, Ky
J. E. Lockhart ... Etowah, Tenn
J. C. Nickerson ... Paris, Ky
H. L. Shields ... Birmingham, Ala
C. L. Stark ... Knoxville, Tenn
P. W. Stark ... Evansville, Ind
T. Walker ... "

ROAD MASTERS—CONTINUED.

G. C. Wendling ... Nashville, Tenn
P. Whitehouse ... Latonia, Ky
S. Williamson ... Birmingham, Ala

SUPERVISORS.

B. Akers ... Winchester, Ky
J. T. Amos ... Evergreen, Ala
R. Barnes ... Springfield, Tenn
W. T. Brooks ... Brodhead, Ky
J. H. Broome ... Selma, Ala
J. I. Buffington ... Montgomery, Ala
C. W. Burke ... Nadawah, Ala
I. E. Barnett ... Bay St. Louis, Miss
H. L. Busby ... Trafford, Ala
J. E. Busby ... Hazard, Ky
L. Bush ... Crestview, Fla
J. A. Byrd ... Etowah, Tenn
G. Cain ... Gulfport, Miss
J. C. Carroll ... Pineville, Ky
W. B. Castle ... Middlesboro, Ky
L. T. Cox ... Columbia, Tenn
M. A. Crowley ... Frankfort, Ky
T. A. Dougherty ... Pensacola, Fla
I. C. Eads ... Corbin, Ky
R. M. Elam ... Harlan, Ky
J. A. Endicott ... Mount Vernon, Ill
E. Feather ... Lebanon, Ky
F. H. Fitzsimmons ... Clarksville, Tenn
R. N. Graves ... Cornersville, Tenn
J. D. Hall ... De Funiak Springs, Fla
W. T. Hall ... Pennington (Lee Co.), Va
T. Hammond ... Madisonville, Ky
J. A. Handley ... Louisville, Ky
J. A. Harlan ... Bessemer, Ala
W. F. Higgins ... Cullman, Ala
W. Holland ... Butler, Ky
G. C. Hollifield, } Page, Ky.
} P.O. Varrilla (Bell Co.)
S. Irvine ... Paris, Ky
D. Keller ... Covington, Ky
T. Keller ... Paris, Ky
J. J. Kelley ... Knoxville, Tenn
J. R. Lennon ... Russellville, Ky
W. C. Mahoney ... Lagrange, Ky
M. McHargue ... Livingston, Ky
C. T. Mefford ... Ravenna, Ky
W. R. Mounce ... Williamsburg, Ky
W. T. Patterson ... Shepherdsville, Ky
H. T. Pipes ... Clanton, Ala
J. D. Pitt ... Humboldt, Tenn
C. H. Pugh ... Nashville, Tenn
W. Raney ... Lebanon Jct., Ky
W. W. Reeder ... Evansville, Ind
O. E. Rudder ... Etowah, Tenn
R. R. Scott ... Birmingham, Ala
W. A. Shaw ... Opp, Ala
G. M. Shepherd ... Knoxville, Tenn
B. Sherrard ... Ravenna, Ky
E. W. Sloan ... Clarksville, Tenn
B. S. Sneed ... Blue Ridge, Ga
J. N. Southard ... Henderson, Ky
J. R. Stewart ... Nashville, Tenn
R. D. Stidam ... Richmond, Ky
G. C. Thomas ... Viper, Ky
F. R. Trovillion ... Madisonville, Ky
W. C. Vandiver ... Lagrange, Ky
W. J. Vickery ... Bay Minette, Ala
J. T. Walker ... La Follette, Tenn
R. D. Watkins ... Paris, Tenn
T. L. Watkins ... Gallatin, Tenn

LANDIS MACHINE COMPANY, Inc.

WAYNESBORO, PA.

Manufacturers of

BOLT AND PIPE THREADING MACHINERY.

Let our Engineering Department solve your threading problems. Send your specifications today.

Catalogues upon request
No. 28—Bolt Threading Machinery.
No. 29—Pipe Threading Machinery.

NATIONAL TRAIN CONTROL

Intermittent Induction Type

Simple in Design
Reliable in Operation
Economical in Maintenance
Low in Initial Cost

Ask the Railroads that use it

THE NATIONAL SAFETY APPLIANCE CO.

57 Post St.
San Francisco

Railway Exchange
Chicago

549—LOUISVILLE & NASHVILLE—Continued.

SUPERVISORS—CONTINUED.

W. L. Watson.....Anniston, Ala
C. M. Weir.....Nashville, Tenn
R. S. White.....Smith's Grove, Ky
W. Whitworth.....Iron City, Tenn
B. F. Williams.....Birmingham, Ala

SIGNAL DEPARTMENT.

A. R. Fugina, Sig. Eng.....§ Louis-
W. H. Stillwell, Asst. Sig. Eng. § ville, Ky.
L. R. Stahl, Off. Eng..... "

SIGNAL INSPECTORS.

B. H. Ayers.....Louisville, Ky
E. S. Williams..... "

R. H. Ewing, Sig. Supvr.
Train Control.....Louisville, Ky

SIGNAL SUPERVISORS.

G. L. Baggerman.....Paris, Ky
W. C. Baker.....Montgomery, Ala
F. C. Foster.....Evansville, Ind
A. L. Greenwood.....Jackson, Ky
W. P. Hayden.....Nashville, Tenn
J. F. Massie.....Knoxville, Tenn
L. N. McPherson.....Lebanon Jct., Ky
W. H. Rhudy.....Birmingham, Ala
E. H. Welsh.....La Grange, Ky

ASSISTANT SIGNAL SUPERVISORS.

A. C. Atchison.....Knoxville, Tenn
A. Fasig.....Latonia, Ky
L. B. Hale.....Montgomery, Ala
A. N. Pearce.....Louisville, Ky
H. M. Query.....Bay St. Louis, Miss
W. P. Reynolds.....Evansville, Ind
D. H. Roberts.....Paris, Ky

550—LOUISVILLE & WADLEY R. R. CO. 10 Mls, 1 Loco, Cars: 2 Pass

H. A. Jordan, Traf. Mgr....Wadley, Ga

For other officials see W. & T. R. R., No. 1076.

551—LOUISVILLE, HENDERSON & ST. LOUIS RY. CO.

200 Mls, 39 Loco, Cars: 668 Frt, 31 Pass, 129 Misc

✪R. N. Hudson, Pres. & Gen. § Louis-
Mgr.....§ ville, Ky.
R. Cayce, Sec.-Treas..... "
J. R. Skillman, Gen. Coun..... "
J. C. Willcox, Aud..... "
W. E. Chambers, G. P. A..... "
E. M. Womack, G. P. A..... "
J. S. Moorman, Car Acct..... "
¶F. D. Ferry, Pur. Agt..... "
F. C. Ferry, M. M.....Cloverport, Ky
H. N. Wood, Asst. Eng..Louisville, Ky
W. S. Moore, Eng. M. W.. "

TRACK SUPERVISORS.

L. D. Bishoff.....Irvington, Ky
H. Driskell.....Cloverport, Ky
T. Higginbothan..... "

552—LOUISVILLE, NEW ALBANY & CORYDON R. R. CO.

8 Mls, 2 Loco, Cars: 2 Pass, 1 Misc

W. J. Kohn, Pres.....§ Cory-
S. G. Boyle, Treas.....§ don, Ind
¶★✠C. H. Buchanan, V.-Pres. &
Gen. Mgr., Aud. & G. F. A.... "

553—LOWVILLE & BEAVER RIV. RY.

11 Mls, 3 Loco, Cars: 4 Frt, 4 Pass

J. S. Bowen, Pres.....Lowville, N. Y
H. I. Le Fevre, V.-Pres..Beaver Falls, N. Y
¶★✪G. A. Blackmon, Sec. &
Gen. Mgr.....Lowville, N. Y
F. S. Easton, Treas..... "
M. A. Flanigan, Rd. Mast.. "

554—LUDINGTON & NORTHERN RY.

4 Mls. Equipment owned—none

J. S. Stearns, Pres.....§ Ludington
W. T. Culver, V.-Pres.....§ Mich.
R. L. Stearns, Sec..... "
W. A. Spencer, Treas. & Aud. "
¶✠✪A. H. Burch, Pur. Agt. &
Traf. Mgr..... "

555—LUFKIN, HEMPHILL & GULF RY. CO. 11 Mls, 1 Loco, Cars: 1 Frt, 2 Pass

L. D. Gilbert, Pres.....Texarkana, Tex
A. Temple, V.-Pres..... "
¶✠✪E. C. Durham, V.-Pres., § Hemphill,
Gen. Mgr. & Treas.....§ Tex.
J. H. Hurst, Sec, Aud. & Asst.
G. F. A..... "
C. A. Jordan, Asst. Sec. &
Compt.....Diboll, Tex
W. G. Menefee, G. F. A..... "
J. J. Pollard, M. M..... Hemphill, Tex

556—M'CLOUD RIVER R. R. CO.

47 Mls, 16 Loco, Cars: 439 Frt, 4 Pass, 26 Misc

San Francisco address, 216 So. Pac. Bldg.

¶D. M. Swobe, Pres. & Traf. Mgr § San Fran-
F. D. Madison, V.-Pres. & Gen. § cisco, Cal
Atty..... "
E. F. Murray, Sec..... "
W. W. Martin, Aud.....McCloud, Cal
✠E. M. Young, Supt..... "
§ J. Kennedy, M. M..... "

557—McKEESPORT CONNECTING R.R. CO. 14 Mls, 16 Loco, Cars: 92 Frt

J. C. Gorman, Supt.....McKeesport, Pa
E. R. McGrann, Asst. Supt. "
J. E. Barrett, Car Acct... "

For other officials see L. T. R. R., No. 510.

558—MACOMB, INDUSTRY & LITTLETON RY. CO.

20 Mls, 2 Loco, Cars: 7 Frt, 2 Pass

W. R. Clawson, Pres.....Macomb, Ill
L. D. Wilhelm, Sec..... "
¶★✠✪A. C. Anders, Gen. Mgr.,
Treas. & Aud..... "

559—

560—MACON, DUBLIN & SAVANNAH R. R. CO.

92 Mls, 12 Loco, Cars: 57 Frt, 14 Pass, 4 Misc

S. Davies Warfield, Pres..Baltimore, Md
C. R. Capps, V.-Pres..... Norfolk, Va
G. M. Norwood, Sec. & Treas..Macon, Ga
F. L. Nellis, Asst Sec...New York, N. Y
T. W. Mathews, Asst.
Sec. & Asst. Treas..... "
C. Akerman, Gen. Solr.....Macon, Ga
J. N. McNeill, Aud..... "
G. H. Whitaker, Traf. Mgr... "
W. S. Ehney, Frt. Clm. Agt.. "
¶J. S. Crews, Asst. Gen. Mgr.. "
M. L. Southwell, Car Acct.. "
H. B. Hayes, M. M..... "

¶ Officer in charge of Purchase of Supplies.
§ Indicates Officer in charge of Car or Locomotive Painting.
★ Officer in charge of Mechanical Work, where the fact is not indicated by his title

WHETHER for bridges and structures—stations and way buildings—targets and signals—storehouses—rolling stock—or whatever the railroad requirement—there is a Degraco Paint for the purpose, proven in actual service.

DEGRACO PAINTS
All Colors for Your Particular Needs

MADE BY

Detroit Graphite Company

DETROIT U.S.A.

Offices and warehouse stock in all principal cities.

Manufactured in Canada by Dominion Paint Works, Limited.

Reflex Water Gages

(Klinger Type)

The Water Appears Black

Our Reflex Gages assure quick and accurate reading of the water level as the water always appears **black**, and **white** indicates immediately the absence of water. They are safe at high pressure and are absolute protection to boilers and men in cab. They require no wire netting, etc., as the glass does not fly when disabled. They can easily be applied to any gage glass fittings without changes. Further information on request.

JERGUSON GAGE & VALVE CO.

WINTER HILL -:- SOMERVILLE, MASS.

SPECIALTY: WATER GAGES.

561—
562—MAGMA ARIZONA R. R.
30 Mls, 2 Loco, Cars: 16 Frt, 1 Pass
New York address, 14 Wall St.
W. B. Thompson, Pres.. { New York, N. Y.
C. F. Ayer, V.-Pres..... {
✪W. Koerner, V.-Pres. & Gen. Mgr.....Superior, Ariz
✪H. E. Dodge, Sec. & Treas. New York, N. Y
¶ E. Weber, Asst. Sec., Asst. Treas. & Pur. Agt.....Superior, Ariz
G. A. Mrkvicka, Aud..... "
R. K. Minson, Traf. Mgr.. "
✠E. G. Dentzer, Supt..... "
§ J. Weitzel, M. M..... "
A. J. McNab, Consult. Eng. "

563—MAINE CENTRAL R. R. CO.
1,121 Mls, 236 Loco, Cars: 7,860 Frt, 290 Pass, 620 Misc
Portland address, 222-242 St. John St.
EXECUTIVE, FINANCIAL AND LEGAL
✪Morris McDonald, Pres....Portland, Me
D. C. Douglass, V. Pres. & Gen. Mgr..... "
L. M. Patterson, Treas ..... "
F. W. York, Asst. Treas.... "
E. W. Wheeler, Gen. Coun.. "
C H. Blatchford, Gen. Solr. "
ACCOUNTING.
A. J. Raynes, Compt..... { Portland, Me.
W. P. Reeves, Asst. Compt.. {
S. A. McTaggart, Asst. Compt. "
E. C. Paine, Aud. Disb..... "
N. L. Woodbury, Aud. Frt. Accts "
W. E. Lucey, Aud. Pass. Accts. "
H. T. Leighton, Aud. Agencies. "
F. S. Twitchell, Aud. Payrolls "
M. C. Manning, Frt. Clm. Agt. "
TRAFFIC.
G. H. Eaton, Frt. Trf. Mgr. Portland, Me
M. L. Harris, G. P. A..... "
J. J. Doane, Asst. to G. P. A.. "
W. G. Hunton, Ind. Agt... "
L. Snow, Ch. of Tariffs.... "
OPERATING.
D. C. Douglass, V.-Pres. & Gen. Mgr.....Portland, Me
F. L. Strange, Supt. C. S.. "
J. B. Norcross, Supt. Tel... "
J A. Coville, Supt. Time Serv.....Boston, Mass
DIVISION SUPERINTENDENTS.
T. M. McLaughlin.....Bangor, Me
F. J. Runey.....Portland, Me
ASST. DIVISION SUPERINTENDENTS.
G. H. Foster.....Waterville, Me
D. E. Hayes.....Rumford, Me
W. E. Kingston.....Bangor, Me
W. A. Wheeler.....Portland, Me
H. R. Withee..... "
PURCHASING.
¶ C. D. Barrows, Pur. Agt. Portland, Me
MECHANICAL.
P. M. Hammett, Supt. M. P. Portland, Me
H. F. Noyes, Asst. S. M. P... "
P. G. Smith, Asst. to S. M. P. "
E. G. Ringberg, Mech. Eng. "
MASTER MECHANICS.
C. T. Eldridge.....Rumford, Me
F. H. Ramsdell.....Waterville, Me
F. F. Trafton, Marine Eng. Rockland, Me
J. E. Marden, Gen. Car Insp. Portland, Me
J. C. McMulkin, Air Brake Insp.....Waterville, Me
GENERAL FOREMEN OF CAR REPAIRS.
A. H. Bonney.....Bangor, Me
M. F. Rhoades.....Waterville, Me
FOREMEN.
F. S. Whitney, Gen. For....Bangor, Me
J. B. Kenison.....Calais, Me
E. Magoon.....Lancaster, N. H
F. W. Richardson.....Waterville, Me
J. Smith.....Lancaster, N. H
J. H. Bradburn, For. Paint. Waterville, Me
ENGINEERING, BRIDGES & ROADWAY
B. T. Wheeler, Ch. Eng....Portland, Me
C. S. Robinson, Eng. M. W. "
A. H. Morrill, Eng. Const. & Ch. Valua. Com..... "
C. A. Plumly, Valua. Eng. "
W. H. Norris, Brdg. Eng... "
H. W. Stetson, Gen. Supvr. M. W..... "
E. A. Johnson, Supt. B. & B.. Bangor, Me
P. N. Watson, Supt. B. & B. Brunswick, Me
M. E. Powell, Act. Scale Supvr.....Waterville, Me
C. D. Sayward, Supvr. Plumbing & Water Serv. "
ROAD MASTERS.
L. F. Brean.....Rumford, Me
J. H. Brooks.....Brunswick, Me
C. H. Higgins.....Bartlett, N. H
H. Homans.....Bangor, Me
E. McKenney.....Waterville, Me
F. H. Parkman.....Oakland, Me
J. P. Scully.....Lewiston, Me
B. B. Whitney.....Calais, Me
ASSISTANT ROAD MASTERS.
L. P. Chick.....Brunswick, Me
J. F. Collins.....Lancaster, N. H.
C. T. Davis.....Waterville, Me
W. A. Prescott.....Lewiston, Me
E. T. Ricker.....Mattawamkeag, Me
SIGNAL DEPARTMENT.
M. Sutherland, Sig. Eng...Brunswick, Me
SUPERVISOR OF SIGNALS.
F. E. Avery.....Brunswick, Me
T. W. Fowler..... { Deering Jct., Me P. O. Portland
S. Sullivan.....Bangor, Me

564—MALVERN & FREEO VALLEY RY.
24 Mls, 8 Loco, Cars: 50 Frt, 4 Misc
★C. C. Yawkey, Pres..... { Malvern Ark.
✠J. Anderson, V.-Pres..... {
A. B. Cook, Treas. & Gen. Mgr. "
¶ W. H. Steffens, Aud. & Pur. Agt. "

565—MAMMOTH CAVE R. R.
9 Mls, 2 Loco, Cars: 1 Frt, 4 Pass
¶ L. P. Lacey, Pres. & G. P. A..... { Belle Mead Park, Nashville, Tenn.
★J. B. Whitney, Mgr...Glasgow Jct., Ky
P. Charlet, Eng..... "

Edison

STEEL ALKALINE

Storage Batteries

Dependability - Economy

Trouble-free Long Life

Rugged Steel Construction and uniform highest quality of workmanship and materials explain the rapid standardization of Edison Batteries in all classes of Railroad Service.

This standardization of Edison Batteries for Car Lighting, Signaling, Automatic Train Control, Telephone and Telegraph, Industrial Truck and Tractor services assures dependability, long life, light weight, ease in handling, low maintenance and trouble-free service—the very battery qualities demanded by discriminating railroad officials.

An Edison Battery installation is a real investment in economy and dependability.

EDISON STORAGE BATTERY COMPANY

Orange, New Jersey

Write for your copy of Bulletin 118A

566—MANCHESTER & ONEIDA RY.
8 Mls, 2 Loco, Cars: 1 Pass
✪J. Hutchinson, Pres.....Manchester, Ia
L. Matthews, Sec..... "
A. D. Long, Treas..... "
C. J. Seeds, Aud..... "
¶★✠C. J. Boardway, Traf. Mgr..... "

567—568—

569—MANILA & SO-WESTERN RY.
6 Mls, 1 Loco, Cars: 3 Frt, 1 Pass
T. S. Taylor, Gen. Mgr...Lunsford, Ark
Official information not obtainable.

570—MANISTEE & NO.-EAST'N R.R.CO
110 Mls, 7 Loco, Cars: 65 Frt, 10 Pass, 20 Misc
Receiver appointed December 24, 1918.
Michigan Trust Co., Recr., Manistee, Mich
✠✪S. J. Scott, Gen. Mgr. for Recr..... "
E. H. Johnson, Gen. Coun.....Grand Rapids, Mich
C. F. Kuehl, Aud. & G. F. & P. A. } Manistee,
E. C. Burton, Car Acct..... } Mich.
¶E. F. Olsen, Pur. Agt..... "
W. H. Nuttall, Supt. M. P..... "
H. Rennell, Gen. Shop For.... "

571—MANISTIQUE & LAKE SUPERIOR R. R. CO., THE
41 Mls, 7 Loco, Cars: 353 Frt, 2 Pass, 8 Misc
§ B. A. Craver, Supt.....Manistique, Mich
C. Fredlund, Gen. Rd. For. "
For other officials see A. A. R. R. No. 24.

572—MANITOU & PIKES PEAK RY. CO. 9 Mls, 6 Loco, Cars: 2 Frt, 6 Pass
S. Penrose, Pres..... } Colorado
C. L. Tutt, V.-Pres..... } Springs, Col.
¶✠J. J. Cogan, Gen. Mgr.... "
E. S. Hartwell, Aud..... "
F. C. Matthews, Traf. Mgr. "
W. H. McKay, M. M..... "

573—MANSFIELD RY. & TRANSP. CO.
7 Mls, 1 Loco, Cars: 1 Frt, 1 Pass
E. A. Frost, Pres.....Shreveport, La
C. W. Nelson, V.-Pres.....St. Louis, Mo
¶★W. R. McCrocklin, V.-Pres., Gen. Gen. Mgr.. ..... } Mansfield, La.
✠R. G. Dowell, Sec. & Treas. "
S. H. Dowell, Asst. Sec. & Asst. Treas..... } Shreveport, La
E. P. Lee, Coun.....Mansfield, La
R. F. Humble, Gen. Aud..Shreveport, La
G. Reeves, Traf. Mgr.....St. Louis, Mo
J. H. Shaw, G. F. & P. A..Shreveport, La

574—MANUFACTURERS RY. CO.
31 Mls, 6 Loco, Cars: 759 Frt, 4 Misc
St. Louis address, 2927 So. Broadway.
A. A. Busch, Ch. of Board..St. Louis, Mo
W. Cotter, Pres. & Gen. Mgr. "
A. E. Wright, Asst. to Pres., Sec. & Supt..... "
P. Marsh, Treas. & Aud.... "
H. J. Tietze, G. F. A. & Car Acct..... "
A. L. Browne, Traf. Mgr... "
¶R. C. Harrison, Pur. Agt.. "
F. Treiber, M. M..... "
H. Marsh, Ch. Eng..... "

575—MANUFACTURERS JCT. RY. CO.
16 Mls, 4 Loco, Cars: 49 Frt, 1 Misc
Chicago address, 11 So. La Salle St.
New York address, 195 Broadway
Cicero address, 45th Ave. & 25th St.
J. W. Bancker, Pres...New York, N. Y
W. H. DeWitt, Jr., V.-Pres. & Gen. Mgr.....Chicago, Ill
R. E. McEwen, Sec.....Cicero, Ill
H. B. Gilmore, Asst. Sec..New York, N. Y
J. G. Sharp, Treas..... .....Cicero, Ill
G. Mitchell Aud..... "
W. P. Sidley, Gen. Coun....Chicago, Ill
★✠W. C. Ransom, Supt.....Cicero, Ill
¶R. H. Knaub, Pur. Agt..... "

575a—MAPIMI RY.
25 Mls, 2.6 G, 12 Loco, Cars: 194 Frt, 6 Pass
New York address, 61 Broadway.
H. Steele, Pres.....New York, N. Y.
✪T. W. Wuerpel, Traf. Mgr ..... Monterrey, Mex
★✠G. H. Harbordt, Gen. Mgr. "
G. Littlejohn, Supt. Mapimi, Dgo., Mex
¶H. E. Soveriegn, Pur. Agt.....Monterrey, Mex

576—MARCELLUS & OTISCO LAKE RY. CO. 9 Mls, 1 Loco, Cars: 1 Frt
¶★✠D. J. Sims, Pres. & Gen. Mgr.....Marcellus, N. Y
W. B. DeWitt, V.-Pres.. "
W. S. Spaulding, Sec... "
A. V. Smith, Treas..... "

577—MARIANNA & BLOUNTSTOWN R. R. CO. 43 Mls, 2 Loco, Cars: 8 Frt, 2 Pass
R. Pennington, Pres... Blountstown, Fla
✠C. R. Evans, V.-Pres. & Gen. Mgr..... } Marianna, Fla
J. C. Packard, V.-Pres..... "
¶L. N. Smith, Aud. & G. F. & P. A. "
R. W. Foster, M. M..... "

578—MARINETTE, TOMAHAWK & WESTERN R. R. CO.
45 Mls, 3 Loco, Cars: 50 Frt, 3 Pass, 3 Misc
W. M. Crunden, Pres. & Treas.....St. Louis, Mo
¶★✠✪C. H. Grundy, V.-Pres., Supt. & G. F. & P. A. } Tomahawk, Wis.
E. C. McNaughton, Sec. & Aud..... "

578a—MARION & EASTERN R. R. CO.
13 Mls, 4 Loco, Cars: 5 Frt, 4 Pass, 1 Misc
¶★✠✪H. E. Barber, Pres. & Gen. Mgr.....Marion, Ill
Official information not obtainable.

579—MARION & RYE VALLEY RY. CO.
18 Mls, 3 Loco, Cars, 68 Frt, 1 Pass
F. Sitterding, Pres.....Richmond, Va
¶H. T. Lawford, Gen. Mgr.. Aud. & Car Acct.....Marion, Va
J. Comer, Mech. Eng..... "
G. Swartz, Rd. Mast..... "

579a—MARION & SOUTHERN R. R.
2 Ml. Equipment owned—none
✠C. Lane, Supt.....Marion, S. C

Floodlighting speeds up freight movements —reduces hazards

FLOODLIGHTING routs the dark that slows production. Accidents happen in the dark; floodlights eliminate the dark. As one official put it ". . . . floodlighting was one reason this yard broke the year's record. The employees are loud in their praise . . . . car numbers can be read in the shadows."

Pyle-National steam turbo-generators and floodlight units make a most dependable and economical combination. Complete data explaining how floodlighting gets more freight moved is yours for the asking.

THE PYLE-NATIONAL COMPANY

FLOODLIGHT HEADQUARTERS

1334-1358 North Kostner Avenue,
CHICAGO, Ill., U. S. A.

Canadian Agents: The Holden Company, Ltd.
Montreal, Winnipeg, Vancouver, Toronto

Export Department: International Railway Supply Co.
30 Church Street, New York City

579b—MARION RAILWAY CORP.
10 Mls, 3 Loco, Car; 1 Pass
C. N. Jagger, Pres..... Marion, N. Y
C. L. Seybold, V.-Pres..... "
R. S. Bush, Sec..... "
P. Steyaart, Treas..... "
¶✠⊙G. E. Terry, Supt..... "
W. C. Witter, M. M..... "

580—MARITIME COAL, RY. & POWER CO. 15 Mls, 4 Loco, Cars: 10 Frt, 3 Pass
⊙N. T. Avard, Gen. Mgr., Joggins Mines, N. S
R. Wilson, Jr., Sec.....Montreal, Que
J. G. Johnstone, Acct. } Joggins Mines,
✠C. J. Kent, Supt..... } N. S.
¶H. L. Dodge, Pur. Agt.... "
P. A. McPherson, Loco. For. "

580a—MARYLAND & DELAWARE COAST RY. CO.
38 Mls, 2 Loco Cars: 4 Frt, 6 Pass
Baltimore address, Maryland Trust Bldg
H. E. Karr, Pres.....Baltimore, Md
J. Rosenfeld, V.-Pres.... "
¶★✠J. W. Muessen, Gen. Mgr. Denton, Md
H. J. Muessen, Supt..... "

581—MARYLAND & PENNA. R. R. CO.
81 Mls, 15 Loco, Cars: 132 Frt, 22 Pass, 10 Misc
¶⊙O. H. Nance, Pres. & Gen. } Balti-
Mgr..... } more, Md
W. B. Brooks, V.-Pres..... "
T. H. Fitchett, Sec. & Asst. Treas..... "
J. Merlenry, Treas..... "
D. G. McIntosh, Gen. Atty.... "
C. C. Peiter, Aud..... "
W. C. Cathcart, G. F. & P. A.. "
M. E. Sebree, Supt..... "
E. J. Weber, Car Acct..... "
N. V. Mullen, M. M..... "
E. E. McLellan, Eng. M. W... "
J. G. Livingston, Gen. Supvr. "

582—

583—MASCOT & WESTERN R. R. CO.
15 Mls, 1 Loco, Cars: 1 Frt, 1 Pass
Chicago address, Harris Trust Bldg.
⊙T. N. McCauley, Pres..... } Dos Cabezas,
D. S. Stevenson, V.-Pres. } Ariz.
F. M. Utt, Sec.....Chicago, Ill
G. L. Ramsey, Treas..... } Dos Cabezas,
¶W. A. Woodward, Aud., } Ariz.
Traf. Mgr. & Pur. Agt... "
✠J. W. Prout, Jr., Gen. Mgr. "
★A. G. Haley, Supt..... "

584—MASON CITY & CLEAR LAKE R. R CO. (Electric).
21 Mls, 7 Loco, Cars: 2 Frt, 31 Pass
R. Schadueleg, Pres. } 22 2nd St., N. W.
W. E. Brice, V. Pres. } Mason City, Ia.
C. H. McNider, V.-Pres..... "
¶⊙F. J. Hanlon, Sec. & Gen. Mgr. "
L. H. Heinke, Treas..... "
F. E. Wells, Aud..... "
J. H. Siesseger, Supt..... "
F. M. Graham, M. M..... "
R. J. Smith, Ch. Eng..... "

585—MAUCH CHUNK SWITCH-BACK RY. 18 Mls, 3.6 G, Cars: 10 Pass, 4 Misc
⊙H. A. Butler, Pres. & Gen. } Mauch
Mgr..... } Chunk, Pa
★✠J. Caffrey, Supt..... "

586—MAXTON, ALMA & SOUTHBOUND R. R. CO.
15 Mls, 2 Loco, Cars: 3 Frt, 2 Pass, 4 Misc
H. A. McKinnon, Pres.....Maxton, N. C
¶★✠C. Lane, Gen. Mgr...Rowland, N. C

587—MERCER VALLEY R. R.
4 Mls, 11 Loco. Cars owned—none.
J. C. Perch, Supt.....Farrell, Pa
L. P. Ray, Car Acct..... "
For other officials see E. & M. R. R., No. 325b.

588 to 594—

595—†MEXICAN INTERNATIONAL R. R. CO., THE
See National Rys. of Mex., No. 670.

596—MEXICAN NORTHERN RY. CO. THE
88 Mls, 7 Loco, Cars: 5 Frt, 2 Pass, 10 Misc
New York address, 82 Beaver St.
D. C. Brown, Pres.....New York, N. Y
C. J. Peabody, V.-Pres.. "
R. E. Safford, Sec. & Treas. "
C. T. Ambridge, Asst. Treas.....Mexico City, Mex
W. F. Gillesby, Gen. Aud. New York, N. Y
✠⊙V. P. Safford, } Box 127, Brentwood
Mgr.. ..... } Hts., Los Angeles, Cal
★R. Wilson, Supt..... Escalon, Mex
¶H. J. G. Mackie, Pur. Agt. New York, N. Y
¶W. Solomon, Asst. Pur. Agt. El Paso, Tex

596a—MEXICAN PACIFIC R. R. CO., INC. 25 Mls, 4 Loco, Cars: 92 Frt, 2 Pass.
B. F. Johnston, Pres... .....Rye, N. Y
H. F. Jones, V.-Pres..... } Los Mochis,
J. Coghlan, Sec. ..... } Sinaloa, Mex
H. Burrell, Aud..... "
¶W. P. Briggs, Gen. Mgr... "
F. D. Hamilton, Supt..... "
Dr. O. C. West, Ch. Surg.. "
J. A. Maurin, Supt. M. P... "
J. Gandara, Rd. Mast..... "

597—MEXICAN RY. CO., LTD.
453 Mls, 102 Loco, Cars; 1081 Frt, 92 Pass
V. W. Yorke, Chmn.....London, Eng
¶✠W. T. Ingram, V.-Pres. & } Mexico
Gen. Mgr..... } City, Mex
C. Tennant, Sec.....London, Eng
R. Pardo, Coun..... } Mexico
M. Merino, Ch. Acct..... } City, Mex.
G. W. West, G. F. & P. A..... "
J. J. Clarke, Supt. Trans.... "
F. L. Villasenor, Supt. Sleep. Car Serv..... "

LOCKS FOR EVERY SERVICE

Signals — Switches — Cars — Tool Houses — Station and Ticket Office Doors — Cupboards — Drawers, etc.

Also for Mills — Mines — Power Houses

NIGHT LATCHES DEAD LOCKS
MASTER KEY SYSTEMS

WOOD SCREWS IN IRON AND BRONZE

EAGLE LOCK CO.

General Sales Office - - - 26 Warren St., New York

Branches: 179 N. Franklin St., Chicago, Ill.
521 Commerce St., Philadelphia, Pa.
114 Bedford St., Boston, Mass.

Works at Terryville, Conn.

FIREPROOF
AMBLER ASBESTOS
BUILDING PRODUCTS

Low Cost per Year should be your basis for using our products.

ASBESTOS SHINGLES for all types of Roofs.

ASBESTOS BUILDING LUMBER for Sides of Buildings.

ASBESTOS CORRUGATED SHEATHING for Round Houses, Wharves, etc.

LINABESTOS WALLBOARD for Toilet Rooms, Lavatories, etc.

EBONIZED ASBESTOS LUMBER for Switch Boards, Barriers, etc.

Never Require Paint — Can't Burn.

For full particulars write

Asbestos Shingle, Slate & Sheathing Co.

AMBLER, PENNA.

Or Nearest Branch Office.

597—MEXICAN—Continued.
C.I.Luque,Supt.of 2nd Div.Orizaba,Mex
D. Tellez, Car Acct...Mexico City, Mex
Dr.L. M. Cortazar, Surg. "
J. E. Rabago, Gen. Str. Kpr.. } Orizaba,
T. Smethurst, Supt. M. P..... } Mex.
C. E. Stone, M. C. B..... "

—† MEXICAN SOUTHERN RY.
See Nat'l Rys. of Mex., No. 670.

598—MEXICAN UNION RY.. LTD.
40 Mls, 3 G, 4 Loco, Cars: 75 Frt
¶✠J.Symonds, Supt.Colorada, Son.,Mex
M. J. Lopez, Aud.Hermosillo,Son.,Mex
W.C.Symonds,M.M.Colorada,Son.,Mex

599—MEXICO NORTH - WESTERN RY. CO.
496 Mls, 27 Loco, Cars: 1,041 Frt, 21 Pass, 20 Misc
R. Home Smith, Pres.....Toronto,Ont
✠L. R. Hoard, V.-Pres. &
Gen. Mgr.....El Paso, Tex
O. W. Borrett, V.-Pres. } Ciudad Juarez
& Compt..... ..... } Chih., Mex.
R. H. Merry. Sec.....Toronto, Ont
W.W. Turney. Gen. Coun..El Paso.Tex
C. K. Jameson, Aud .. } Ciudad Juarez,
E. Ledwidge, Tax & } Chih., Mex.
Clm. Agt..... "
F J. Clark. G F & P. A.. "
✠✠G. H. Bussing, Gen.Supt. "
I.Garcia, Supt.Trans.Madera, Chih., Mex
G. W. Young. Car } Ciudad Juarez.
Acct..... } Chih, Mex.
Dr.J. A. Pickett, Ch. Surg.El Paso. Tex
¶W. R. McKenna, Pur. } Ciudad Juarez,
Agt..... } Chih., Mex.

MASTER MECHANICS.
J. M. Barnes..... } Ciudad Juarez
Chih., Mex.
E.W.Knapp.....Madera, Chih, Mex
F. Kobler..... .....Chihuahua. Mex

599a—MIAMI MINERAL BELT R. R. CO. 31 Mls, 3 Loco, Cars: 73 Frt, 1 Misc
12 miles additional under construction.
H. M. Levy, Supt.....Picher, Okla
For other officials see Oklahoma So. W. Ry., No. 726e.

599b—MICHIGAN R. R. CO. (Electric).
366 Mls, 7 Loco, Cars: 69 Frt, 67 Pass
Receiver appointed October 28, 1924.
Jackson address, 229 S. Mechanic St.
✠J. F. Collins, Recr.....Jackson, Mich
B. C. Cobb, Pres..... } 14 Wall St.,
} New York, N. Y
O.H.Degener, Sec.&Treas.Jackson, Mich
B. Kleinstiver, Clm. Atty. "
J. B. King, Aud. Frt. Accts.
& Car Acct..... "
J.H.Weldon, Traf.Mgr. } Grand Rapids,
L. E. Hollar. Gen.Supt. } Mich.
G. B. Hunt, G. F. & P. A..Jackson, Mich
¶R.W. O. Taylor, Pur. Agt. "
R. C. Taylor, Supt.Equip..Albion, Mich
H. F. Carr, Elec. Supt....Jackson, Mich
H. D. Sanderson. Ch. Eng. "
F.M.Farley. Gen.Rd Mast. "

600—MICHIGAN CENTRAL R. R. CO.
1,662 Mls, 746 Loco, Cars: 37,227 Frt, 521 Pass, 1,122 Misc
(Mileage and equipment also included in N. Y. C. Lines, No. 692x.)
Chicago address, La Salle Sta.
Detroit address, Pass. Terminal Sta.
New York address, 466 Lexington Ave.
EXECUTIVE, FINANCIAL AND LEGAL.
P. E. Crowley, Pres..... } New York
H. L. Ingersoll. Asst.to Pres. } N. Y.
S. B. Wight, Asst. to Pres.... "
A.H.Harris, V.-Pres.&Chman.
of Finance Comm..... "
G. A. Harwood, V.-Pres.
(Improv. & Develop.)..... "
I. A. Place V.-Pres. (Law)... "
G.H.Ingalls, V.-Pres.(Traffic) "
E. D. Bronner, V.-Pres....Detroit, Mich
E. F. Stephenson, Sec.. ... } New York,
H. G. Snelling, Gen. Treas. } N. Y.
E. Freeman. Asst.Gen.Treas. "
R. N. Harry, Asst.Gen.Treas. "
H. A. Stahl, Asst.Gen.Treas. "
W. E. Hackett, Treas.....Detroit, Mich
F. E. Robson, Gen. Coun.. "
J. W. Dohany. Gen. Atty.. "
J. J. Danhof, Jr., Asst.
Gen. Atty..... "
F.V. Whiting, Gen. Clm.
Atty..... .....New York, N.Y
G.F. Wheeler, Frt.Clm.Agt.Detroit, Mich
H.L. Forman. Ch.Clm.Agt. "
W. Hutchinson, R. E. &
Tax Agt..... "

ACCOUNTING.
W.C.Wishart. Compt..... } New York,
L. V. Porter. Asst.Compt.. } N. Y.
F. H. Meeder, Asst. Compt.. "
E. A. Wigren. Gen. Aud..... } Detroit,
R.R.Richards, Asst. Gen.Aud. } Mich.
F. W. Sparling, Aud. Disb..... "
W.J.Daeschner, Aud.Frt. Acct. "
H.J.Broderick, Aud.Pass.Accts. "
F. B. McIlvaine, Aud.Frt.Over-
charge Clms..... "

TRAFFIC.
C. Howe, Traf. Mgr.....Chicago, Ill
O. R. Bromley, Frt. Traf.
Mgr.....Detroit, Mich
W. C. Douglas, Asst. Frt.
Traf. Mgr.....Chicago, Ill
E. W. Brunck, G. F. A.....Detroit, Mich

ASST. GENERAL FREIGHT AGENTS.
S. W. Carder.....Buffalo, N. Y
F. H. Cusack..... Chicago, Ill
J. Finlay..... Detroit, Mich
A. Johnson..... "
W. C. Lewis.....Bay City, Mich
C. A. Hunt, Ch. of Tariff
Bureau.... .....Detroit, Mich
L. W. Landman, Pass. Traf.
Mgr.....Chicago, Ill
J.W. Switzer. G. P. A..... "

ASST. GENERAL PASSENGER AGENTS.
C. H. Chevee..... Buffalo, N. Y
R. B. Holmes.....Chicago, Ill
J. M. Simpson..... "
A. V. Ulrich.....Detroit. Mich

SAFETY ELECTRIC LIGHT The Safety C. H. & L. Co.
USED ON 71 LEADING RAILROADS. 2 Rector Street, New York.

Cold Drawn Seamless Steel Tubes

Standard Safe Ends
Standard Arch Tubes
Standard Mechanical Tubes
Standard Super Heater Tubes
Standard Locomotive Boiler Tubes

MADE BY

STANDARD SEAMLESS TUBE CO.

AMBRIDGE, PA.

NATIONAL

HEAVY-PATTERN FORGING MACHINES

(ALL STEEL)

WEDGE GRIP BOLT AND RIVET HEADERS
SEMI-AUTOMATIC HAMMER BOLT HEADERS
AUTOMATIC AND SEMI-AUTOMATIC NUT TAPPERS
BOLT CUTTERS, ROLL THREADERS,
DIE SHARPENERS and NUT MACHINES

meet the exacting requirements of the present-day Railroad and Industrial plant and pay big dividends.

THE NATIONAL MACHINERY CO.

TIFFIN, OHIO, U. S. A.

600—MICHIGAN CENTRAL—Continued.

C. A. Riebling, Gen. Bag. Agt.....Detroit, Mich
H. L. Faulkner, Asst. G.B.A. "
J. N. Crocker, Supvr. Mail Traf.....New York, N. Y

OPERATING.

E. D. Bronner, V.-Pres.....} Detroit,
G. C. Howe, Exec. Asst. to V.-Pres.....} Mich.
H. Shearer, Gen. Mgr..... "
S. W. Brown, Asst. to Gen. Mgr. "
J. L. McKee, Gen. Supt..... "

SUPERINTENDENTS.

D. W. Donahue.....St. Thomas, Ont
D. J. Hackett.....Jackson, Mich
R. E. Laidlaw.....Detroit, Mich
G. C. MacDonald (Act.).Bay City, Mich
H. L. Margetts (Asst.).....Niles, Mich
P. E. Pfeifer, So. Water St., Chicago, Ill
E. E. Wright (Asst.)..Jackson Jct., Mich

C. H. Bieber, Supt. C. S....Detroit, Mich
F. C. Miller, Car Acct..... "
E. C. Keenan, Gen. Supt. Tele. & Telo.....New York, N. Y
J. J. Ross, Supt. Tel.....Detroit, Mich
W. A. Jackson Asst. Supt. Tel. "
C. E. Baxter, Tele. & Telo. Eng. "
C. E. Hill, Gen. Safety Agt.....New York, N. Y
J. R. Smart, Mgr. Din. Serv..Buffalo, N. Y
R. E. Smith, Sup. Din. Serv. Detroit, Mich
F. S. Welsh, Mgr. Stock Yards & Agric..... "
E. H. Anderson, Supvr. Agri.....New York, N. Y
W. H. Hill, Agri. Agt.....Chicago, Ill
Dr. W. L. Hartman, Ch. Surg.....Detroit, Mich

SUPERINTENDENTS OF TERMINALS.

G. E. Goodship (Asst.) West Detroit, Mich
W. H. O'Keefe..... "
L. J. Robbins (Asst.) "

PURCHASING.

¶W. C. Bower, Mgr. Pur. & Strs.....New York, N. Y
¶B. A. Aikens, Pur. Agt....Detroit, Mich
G. Holmes, Asst. to Pur. Agt. "
B. W. Griffith, Gen. Str. Kpr. "
A. M. Gage, Asst. Gen. Str. Kpr. "

DIVISION STORE KEEPERS.

H. Hossfeld.....Bay City, Mich
C. H. Jenkins.....Niles, Mich
C. Naas.....Kensington, Ill
H. A. Paar.....Detroit, Mich
H. F. Sutherland.....Jackson, Mich
F. V. Tenkonohy.....St. Thomas, Ont
W. E. Guina, Sta.....Detroit, Mich

MECHANICAL.

J. F. Jennings, Supt. M. P....} Detroit,
F. P. Neesley, Asst. Supt. M.P.} Mich.
§ J. T. Downs, Supt. R. S..... "
E. C. Richards, Ass't. to Supt. R.S. "
G. E. Parks, Mech. Eng..... "

DIVISION MASTER MECHANICS.

C. W. Adams.....Jackson, Mich
C. H. Bailey (Asst. to)..... "
M. R. Benson.....St. Thomas, Ont
W. H. Corbett.....Niles, Mich

DIVISION MASTER MECHANICS—CONT'D.

A. Link.....West Detroit, Mich
G. V. McGilnch.....Bay City, Mich
D. Meadows (Asst).....St. Thomas, Ont

T. F. Conklin, Gen. Rd. For. Eng.....Detroit, Mich

ROAD FOREMEN OF ENGINES.

W. Apted.....Detroit, Mich
R. E. Burns.....Jackson, Mich
J. Doherty.....Niles, Mich
G. M. Fulton.....St. Thomas, Ont
P. H. Heckman.....Detroit, Mich
J. H. Lamb.....Bay City, Mich
R. McDonald.....St. Thomas, Ont
S. T. Reid.....Detroit, Mich
A. W. Turner.....Jackson, Mich
F. Wisemann..... "

C. W. Frey, Shop Supt. West Detroit, Mich
E. J. Burck, Supt. Shops..Jackson, Mich
G. W. Good, Supvr. Shops. Detroit, Mich
A. J. Mitchener, Div. Gen. Car For..... St. Thomas, Ont
S. Lenzner, Supvr. Pass. Equip.....Detroit, Mich
W. W. White, Supvr. Air Brakes..... "
F. J. Hill, Ch. Elec. Car Dept. "
W. A. Melms, Gen. Insp.... "
R. Fenrick, For. Paint...Jackson, Mich
C. Gertz, For. Paint.....Detroit, Mich

ENGINEERING, BRIDGES & ROADWAY

J. F. Deimling, Ch. Eng.....} Detroit,
G. H. Harris, Asst. Ch. Eng...} Mich
E. R. Lewis, Prin. Asst. Eng.... "

DIVISION ENGINEERS.

J. D. Elder.....Niles, Mich
J. Evans.....Detroit, Mich
W. O. Houston.....Jackson, Mich
W. J. Shaw, Jr.....St. Thomas, Ont
J. A. Snyder.....Detroit, Mich
S. D. Williams, Jr.....Bay City, Mich

A. L. Sarvey, Valua. Eng..Detroit, Mich
H. Ibsen, Spec. Brdg. Eng. "
G. C. Tuthill, Act. Brdg. Eng..... "
J. E. Bebb, Asst. Brdg. Eng..... "
E. M. Walker, Grade Sep. Eng..... "
H. A. Horning, Supt. Bldgs..} Jackson,
D. Foley, Insp. M. of W.....} Mich.

DIVISION FOREMEN OF BUILDINGS.

G. Boyer.....Detroit, Mich
A. Forsythe.....Niles, Mich
C. Green.....Bay City, Mich
A. Leslie.....St. Thomas, Ont

ROAD MASTERS.

T. L. Buckley.....West Bay City, Mich
M. Burns.....Kalamazoo, Mich
F. Cram.....Detroit, Mich
J. E. Crowley.....Cheboygan, Mich
O. Dawson.....St. Thomas, Ont
M. Dodd.....Vassar, Mich
P. Doherty.....Three Rivers, Mich
C. Durham.....Welland, Ont
T. Forward.....Jackson, Mich

TRANSPORTATION ENGINEERING CORPORATION

269 Thirty-Seventh St.
BROOKLYN, N. Y.

327 So. La Salle St.
CHICAGO

STORAGE BATTERY TRUCKS AND TRACTORS

For Shops - Baggage - Freight - Warehouses - Docks

CHARGING APPARATUS

For Storage Batteries

WATER STILLS

WANAMAKER ELECTRODES

The perfect, coated electric welding wire

SPECIALIZED RAILROAD SALES SERVICE

THE KAY & ESS COMPANY

DAYTON, OHIO

Paint Specialties for Railroad Use

Station, Metal and Freight Car Paints

Maltha for Locomotive Front Ends

Datonia Oil —— The Durable Paint Oil

600—MICHIGAN CENTRAL—Continued.

ROAD MASTERS—CONTINUED.

G. W. Grafford.....Michigan City, Ind
C. Hawkins.....Windsor, Ont
L. E. Keeler.....Jackson, Mich
J. Kostielney.....Detroit, Mich
P. Margraf.....Michigan City, Ind
P. O'Brien.....Toledo, O
M. Slattery.....Bay City, Mich
B. Taylor.....Welland, Ont
W. Troutfeller .....Jackson, Mich
D. Wagner.....Ridgetown, Ont

SIGNAL DEPARTMENT.

J. C. Mock, Sig. Elec. Eng..... } Detroit,
R. E. Green, Asst. Sig. Eng... } Mich.
C. G. Winslow, Asst. Elec. Eng. "
F. French, Supvr. Sig. Shops.... "

SIGNAL SUPERVISORS.

W. H. Grosskopf....Michigan City, Ind
H. Leeming.....Bay City, Mich
M. McIntyre.....St. Thomas, Ont
W. C. Rachor ..... Albion, Mich
A. H. Schott.....Detroit, Mich
C. E. Taylor..... "

SIGNAL INSPECTORS.

F. J. Loss .....Detroit, Mich
L. Rupert..... "
C. H. Sipperley..... "

600a—MICHIGAN ELECTRIC RAILWAY CO. 262 Mls, Cars: 51 Frt, 193 Pass

B. C. Cobb, Pres..... } 14 Wall St., New York, N. Y
✪J. F. Collins, V.-Pres. & Gen. Mgr.....Jackson, Mich
R. R. Arney, Supt.....Lansing, Mich
W. W. Brendel, Supt.....Jackson, Mich
E. E. Keys, Supt.....Owosso, Mich
J. O'Hara, Supt.....Jackson, Mich
J. J. Mahoney, Supt. Battle Creek, Mich
C. H. Smith, Supt.....Kalamazoo, Mich
R. W. O. Taylor, Pur. Agt. Jackson, Mich
R. C. Taylor, M. M.....Albion, Mich
H. D. Sanderson, Ch. Eng. Jackson, Mich

601—MIDDLEBURGH & SCHOHARIE R. R. 5 Mls, 1 Loco, Cars: 1 Pass

D. D. Frisbie, Pres.. .....} Middle-
W. E. Bassler, V. Pres.... } burgh, N. Y
C. E. White, Sec. & Treas.. "
¶★✠G. A. Hill, Gen. Mgr. & Gen. Traf. Mgr..... "

602—603—

604—MIDDLETOWN & UNIONVILLE R. R. CO.

15 Mls, 2 Loco, Cars: 1 Frt, 2 Pass, 6 Misc

G. T. Townsend, Pres.... } Middletown,
★✠✪J. A. Smith, V.-Pres.. } N. Y.
& Gen. Mgr .... "
F. H. Finn, Sec..... "
R. H. Clark, Treas.....Unionville, N. Y
W. R. Durland, Aud. Middletown, N. Y.
I. P. Dewitt, Supt.... "
¶L. E. Ziers, Pur. & Clm. Agt..... "

605—MIDLAND RY. CO. OF MANITOBA, THE 8 Mls, 2 Loco, Car: 1 Misc

W. P. Kenney, Pres.....St. Paul, Minn
C. Donnelly, V.-Pres..... "
W. C. Hamilton, Sec...Winnipeg, Man
F. L. Paetzold, Treas. & Asst. Sec.....St. Paul, Minn
G. H. Hess, Jr, Compt.... "
J. L. Knight, Aud..... } Winnipeg,
¶C. E. Dafoe, Gen. Supt. & } Man.
G. F. & P. A..... "
J. A. Mitchell, M. M..... "
J. R. W. Davies, Ch. Eng..St. Paul, Minn

606—MIDLAND CONTINENTAL R. R.

73 Mls, 2 Loco, Cars: 32 Frt, 2 Pass, 18 Misc

F. A. Seiberling, Pres.....Akron, O
C. W. Cockrell, Asst. to Pres.. "
M. W. Harrison, V.-Pres..New York, N. Y
¶✪H. S. Stebbins, V.-Pres.... } James-
F. Seiberling, Sec. & Treas.. } town, N. D
J. Johnson, Aud ..... "
E. E. Overton, Traf. Mgr..... "
J. P. Seiberling, Asst. G. F. A. "
N. M. Chapman, M. M..... "
H. H. Hurning, Ch. Eng..... "

607—MIDLAND TERM'L RY. CO., THE

99 Mls, 9 Loco, Cars: 258 Frt, 17 Pass, 20 Misc

A. E. Carlton, Ch. of Board } Colorado
S. Penrose, Pres..... } Springs, Col
C. C. Hamlin, V.-Pres. & Gen. Coun..... "
E. S. Hartwell, Sec. & Aud. "
A. S. Gill, Treas... ... . "
F. C. Matthews, Traf. Mgr. "
J. J. Cogan, Gen. Mgr..... "
M. E. O'Brien, Car Acct.... "
¶S. W. Baker, Pur. Agt..... "
P. E. Brooks, Mech. Eng... "
W. H. McKay, M. M..... "
W. B. Wreath, Rd. Mast.... "

608—MIDLAND VALLEY R. R. CO.

365 Mls, 49 Loco, Cars: 820 Frt, 38 Pass, 140 Misc

Philadelphia address, Lafayette Bldg.
C. E. Ingersoll, Pres..... } Philadel-
C. J. Ingersoll, Asst. to Pres. } phia, Pa
A. W. Lefeber, V.-Pres. Muskogee, Okla
J. R. K. Delany, Sec. & } Philadelphia,
Treas..... } Pa.
¶E. L. Dubois, Asst. Treas. & } Muskogee,
Pur. Agt..... } Okla.
T. H. Niles, Aud..... "
E. J. L. Peet, Frt. Clm. Agt. "
C. S. Edmonds, G. F. & P. A.. "
J. W. Klein, G. F. & P. A....Tulsa, Okla
A. N. Williams, Gen. Mgr.....Muskogee, Okla
W. A. Mason, Supt. Term...Tulsa, Okla
D. F. Williams, Str. Kpr. Muskogee, Okla
J. W. Womble, Mech. Supt. "
C. Kalghn, Ch. Eng..... "

ROAD MASTERS.

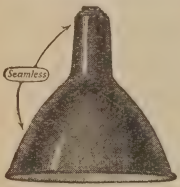
J. F. Green.....Tulsa, Okla
J. A. Monaghan.,.....Muskogee, Okla
C. H. Sanders.....Pawhuska, Okla

609—

BENJAMIN

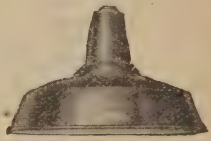
Industrial Lighting Equipment

Particularly adapted for Railroad service in every department. For indoor and outdoor installation. Porcelain enameled steel reflectors. Heavy type X fittings. Easy to wire. Keyless or pull-chain reflector sockets.



DEEP BOWL

For machine shops, over benches, and for installation high over-head.



R L M DOME

For general illumination—a superior general purpose reflector-socket.

ELLIPTICAL ANGLE

For lighting from the side and for building up illumination between overhead units.

TYPE R R THREADED

An extra heavy unit for terminals, warehouses, etc. Reflectors easily separable for cleaning.

Send for Illustrated Bulletins

BENJAMIN ELECTRIC MFG. CO.

120-128 So. Sangamon St.,
CHICAGO

247 W. 17th St. - New York
448 Bryant St. - San Francisco

GLASSTEEL DIFFUSER

For offices, administration buildings, cafeterias, etc. Where good looks plus good lighting are required.

610—MILLTOWN AIR LINE RY.
10 Mls, 1 Loco, Car: 1 Pass
E. D. Rivers, Pres.. & Gen. Coun.....Lakeland, Ga
¶★✠✪R. E. Carter, V.-Pres. & Gen. Mgr..... "
L. McKelvin, Sec., Treas. & Aud.. ..... "
G.C. Dougherty, Traf. Mgr. Valdosta, Ga

611—MILSTEAD R. R. CO.
2 Mls, 2 Loco, Cars: 3 Frt
C. J. Callaway, Pres.....Milstead, Ga
¶★✠✪T. J. Callaway, V.-Pres., & Gen. Mgr..... "
J. T. Smyly, Sec. & Treas... "

611a—MINARETS & WESTERN RY. CO.
53 Mls, 4 Loco, Cars: 201 Frt, 1 Pass, 3 Misc
A. H. Fleming, Pres.....Pasadena, Cal
✪F. W. Webster, V.-Pres. & Gen. Mgr.....Fresno, Cal
R. C. Gillis, V.-Pres....Los Angeles, Cal
C. S. Fleming, Sec.....Pasadena, Cal
B. A. Cannon, Treas.....Fresno, Cal
C. S. Thomas, Aud. & Traf. Mgr..... "
E. A. Devereux, Supt..... "
¶M. S. Johnstone, Pur. Agt.. "
C. O. Witt, M. M..... "
G. R. Sykes, Rd. Mast..... "

612—MINATITLAN AL CARMEN R. R.
9 Mls, 3 Loco, Cars: 65 Frt, 4 Pass, 6 Misc
¶✠C. J. Crawford, Gen. Mgr } Minatitlan,
F. G. Chacon, Traf. Supt.. } V. C., Mex.
W. Bruin, M. M..... "

613—MINERAL POINT & NORTHERN RY. CO.
30 Mls, 3 Loco, Cars: 20 Frt, 2 Pass, 2 Misc
Chicago address, 140 So. Dearborn St.
New York address, 160 Front St.
T. D. Jones, Pres.....Chicago, Ill
H. Hardenbergh, V.-Pres. New York, N.Y
W. R. Smith, V.-Pres. & Gen. Mgr.....Mineral Point, Wis
D. W. Barnard, Sec.....New York, N. Y
B. Bigelow, Treas..... "
E. E. James, Aud..... } Mineral
R. E. Smart, Traf. Mgr..... } Point, Wis
★✪N. T. Martin, Asst. Gen. Mgr. "
¶W. J. Lee, Pur. Agt....New York, N. Y
A. Fecht, Rd. Mast..Mineral Point, Wis

614—MINERAL RANGE R. R. CO.
87 Mls, 16 Loco, Cars: 1,005 Frt, 1 Pass, 31 Misc
C. Erlandson, ltd. Mast..Calumet, Mich
For other officials see D., S. S. & A. R. R., No. 298.

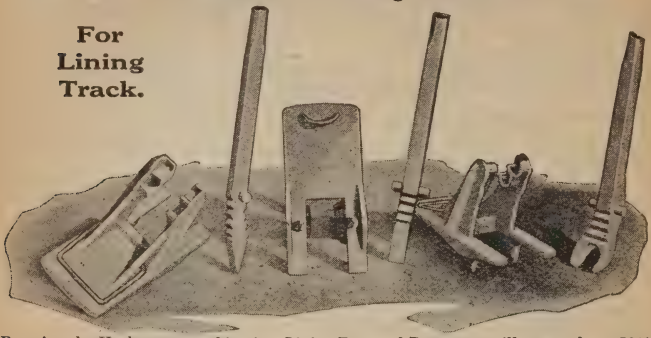
615—MINNEAPOLIS & RAINY RIVER RY. CO. 63 Mls, 5 Loco, Cars: 77 Frt, 5 Pass
J. S. Joyce, Pres ... } 332 So. Michigan
D. G. Joyce, V.-Pres. } Ave., Chicago, Ill
G. A. Hume, Sec.....Muskegon, Mich
¶E. F. Stoelting, Aud..... } Deer River,
★✠✪W. C. Lacroix, Gen. } Minn.
Mgr..... "

616—MINNEAPOLIS & ST. LOUIS R. R. CO.. THE
1,628 Mls, 219 Loco, Cars: 7,187 Frt, 116 Pass, 270 Misc
Receiver appointed July 26, 1923.
Minneapolis address, Transportat'n Bldg.
New York address, 25 Broad St.
EXECUTIVE, FINANCIAL AND LEGAL.
✪W. H. Bremner, Recr.... } Minneapolis,
E. E. Nash, Ch. Oper. Off. } Minn.
W. P. Hawley, V.-Pres..New York, N. Y
W. M. Tompkins, Sec.. "
E. S. Redel, Asst. Sec. Minneapolis, Minn
G. F. Henry, Asst. Sec. & Asst. Treas .....Des Moines, Ia
W. B. Davids, Treas....New York, N. Y
H. Johns, Treas. for Recr. } Minneapolis,
M. M. Joyce, Coun. for } Minn.
Recr..... "
C. W. Wright, Gen. Atty.. "
S. J. Beardslee, Clms. Atty. "
VALUATION COMMITTEE.
R. G. Kenly, Ch. Eng..... } Minneapolis,
A. E. Smith, Compt..... } Minn.
C. F. Foote, Land & Tax Agt. "
L. C. Miller, Asst. Ch. Eng. "
ACCOUNTING.
A. E. Smith, Compt..... } Minneapolis,
J. T. Mersen, Aud. Frt. } Minn.
Accts..... "
G. A. Anderson, Aud. Disb. "
R. S. Morawetz, Aud. Pass. Accts..... "
TRAFFIC.
J. A. Lucey, Traf. Mgr.. } Minneapolis,
B. F. Moffatt, Asst. Frt. } Minn.
Traf. Mgr..... "
R. N. Golden, G. F. A..... "
C. A. Werlich, Asst. G. F. A.... "
J. R. Shannon, G. P. A..... "
OPERATING.
E. E. Nash, Ch. Oper. Off. } Minneapolis,
J. P. Houston, Asst. to Ch. } Minn.
Oper. Off..... "
E. J. Sturdevant, Supt. Trans ..... "
W. B. Wells, Frt. Clm. Agt. "
SUPERINTENDENTS.
F. O. Coleman.....Oskaloosa, Ia
C. A. Hodgman.....Ft. Dodge, Ia
R. D. Howie (Asst.)..... "
R. E. Ryan.....Minneapolis, Minn

O. F. Johnson, Insp. Trans. } Minneapolis,
& Safety Supvr..... } Minn.
PURCHASING.
¶E. C. Hoffman, Pur. Agt. } Minneapolis,
G. W. Hanegan, Gen. Str. } Minn.
Kpr..... "
J. La Follette, Str. Kpr.. Monmouth, Ill
W. G. Suggett, Str. Kpr. Marshalltown, Ia
MECHANICAL.
H. W. Johnson, Supt. M. } Minneapolis,
P. & R. S..... } Minn.
L. M. Chapman, Asst. Supt. M. P. & R. S..... "
J. A. MacRae, Mech. Eng.. "
C. B. Rogers, M. M....Marshalltown, Ia
ROAD FOREMEN OF ENGINES.
A. Berg.... .....Minneapolis, Minn
R. A. Dalton.....Marshalltown, Ia
J. McElwain.....Ft. Dodge, Ia

Hackmann Combination Lining Bars and Bases.

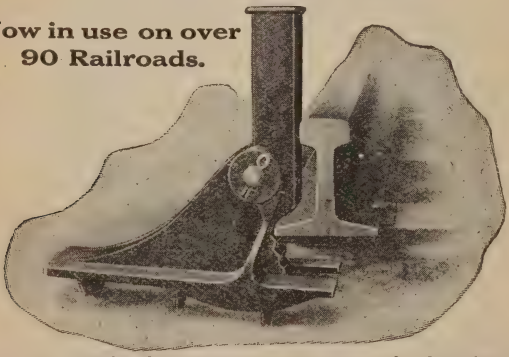
For Lining Track.



By using the Hackmann combination Lining Bars and Bases you will save at least 50% of your Tool and Labor cost. 3 men with these Liners can do the work of 7 men and 7 men can do the work of 15 to 25 men. *Note the Two Step Bases,* they will save resetting. The Lining Bars are Verona made and Heat Treated.

The Idol Track Liner.

Now in use on over 90 Railroads.



Idol Liners can be used with any lining bar and will pay for themselves in a few days' work. The above Track Liners are the greatest labor saving devices ever built for Lining Track, Spacing Ties, Raising Low Joints, Surfacing and Gauging Rail.

Track, when being Lined, should be pushed, not lifted.

THE HACKMANN RAILWAY SUPPLY CO.

RAILWAY LABOR SAVING DEVICES

723 South Wells Street, Chicago, Ill.

Frederick Hackmann, Pres. J. J. Franzen, Sec. and Treas.

616—MINNEAPOLIS & ST. LOUIS—Cont'd.

FOREMEN ROUNDHOUSE.

J. F. Bulanek.....Oskaloosa, Ia
J. C. Carruthers.....Monmouth, Ill
D. Cohn.....Bartlett, Ill
P. Gossett.....Watertown, S. D
W. E. Hayes.....Marshalltown, Ia
T. Kennedy.....St. Paul, Minn
E. F. McCann.....Albert Lea, Minn
F. Noren.....Minneapolis, Minn
G. F. Potter.....Des Moines, Ia
P. L. Rost.....Ft. Dodge, Ia

SUPERINTENDENTS OF SHOPS.

C. M. Hillman.....Marshalltown, Ia
J. Horne.....Minneapolis, Minn

L. Burke, M. C. B..... } Minneapolis,
N. W. Martin, Gen. Boiler For ..... } Minn.
"

GENERAL CAR FOREMEN.

J. E. Grim.....Minneapolis, Minn
G. F. Shannon.....Marshalltown, Ia

J. Holt, Paint For..Minneapolis, Minn
L. E. Chantry, Paint For.....Marshalltown, Ia

ENGINEERING, BRIDGES & ROADWAY

R. G. Kenly, Ch. Eng..... } Minneapolis, Minn
L. C. Miller, Asst. Ch. Eng. }
G. S. Lovering, Prin. Asst. Eng. "
C. E. Coryell, Asst. Eng..... "
C. S. Weatherill, Asst. Eng..Oskaloosa, Ia

SUPERVISORS BRIDGES & BUILDINGS.

S. J. Johnson.....Oskaloosa, Ia
J. G. Kane.....Minneapolis, Minn
E. R. Reed.....Ft. Dodge, Ia

SUPERVISORS.

J. Factor.....Watertown, S. D
J. Hruska.....Ft. Dodge, Ia
A. H. Reetz.....Hampton, Ia
J. Steinnagen.....Hopkins, Minn
F. J. Svec.....Ft. Dodge, Ia
G. Teyro.....Monmouth, Ill
J. Teyro.....Hopkins, Minn
F. D. Warren.....Oskaloosa, Ia
E. M. Wilkin.....Estherville, Ia

616a—MINNEAPOLIS, ANOKA & CUYUNA RANGE RY. CO. (Electric).

24 Mls, 2 Loco. (Elec.), Cars: 2 Frt, 7 Pass, 6 Misc
Minneapolis address, 519-2nd Ave.

✪C. P. Bratnober, Pres. Minneapolis, Minn
H. L. Bratnober, V.-Pres. .St. Paul, Minn.
C. A. Bratnober, Sec. & Treas..... Minneapolis, Minn
G. Peterson, Aud. Frt Accts. Anoka, Minn
B. K. Douglas, G. F. A...St. Paul, Minn
¶✠A. A. Kranhold, Supt.... Anoka, Minn
P. Cyr, M. M..... "

617—MINNEAPOLIS EASTERN RY. CO.

4 Mls, 2 Loco, Cars: None.

F. A. Chamberlain, Pres. } Minneapolis,
J. H. Foster, Treas..... } Minn.
C. Jensch, Aud.....St. Paul, Minn
¶★✠P. J. Tomlinson, Supt. } Minneapolis,
& Car Acct..... } Minn.

617a—MINNEAPOLIS, NORTHFIELD & SOUTHERN RY. (Electric).

122 Mls, 9 Loco. (inc. 4 Elec.), Cars: 70 Frt, 6 Pass, 3 Misc
Minneapolis address, 208 Lincoln Bk. Bldg.

H. E. Pence, Pres..... } Minneapolis,
W. R. Stephens, Asst. to Pres. & Sec..... } Minn.
J. H. Ellison, V.-Pres..... "
W. O. Winston, Treas..... "
G. L. Martin, Gen. Atty..... "
W. B. Granger, Aud..... "
R. E. Bartell, Frt. Clm. & Car Serv. Agt..... "
G. C. Wright, Traf. Mgr..... "
✪M. J. Dooley, Gen. Mgr..... "
P. H. Smith, Supt..... "
¶ J. H. Davis, Pur. Agt..... "
§ W. H. Krumpleman, M. M. "
R. C. Smith, Ch. Eng..... "
F. Pariseau, Rd. Mast..... "

618—MINNEAPOLIS, RED LAKE & MANITOBA RY.

33 Mls, 2 Loco, Cars: 60 Frt, 3 Pass, 5 Misc

J. Lind, Pres..... } Minneapolis,
A. V. Ostrom, V.-Pres... } Minn.
A. Ueland, Sec..... "
¶★✪A. L. Molander, Treas. & Gen. Mgr.....Bemidji, Minn

619—MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. CO.

4,404 Mls, 530 Loco, Cars: 25,548 Frt, 449 Pass 987 Misc
Chicago address, 112 W. Adams St.
Minneapolis address, Soo Line Bldg.

EXECUTIVE, FINANCIAL AND LEGAL.

E. Pennington, Chmn... } Minneapolis,
C. T. Jaffray, Pres..... } Minn.
G. W. Webster, V.-Pres... "
R. E. Davies, Asst. to Pres. "
F. B. Newman, V.-Pres. (Traf.). "
A. E. Wallace, V.-Pres. & Gen. Mgr..... "
T. W. Flannagan, Asst. to V.-Pres. & Gen. Mgr..... "
W. R. Harley, Sec..... "
C. H. Bender, Treas..... "
J. E. Olson, Asst. Treas. & Asst. Sec..... "
H. S. Mitchell, Gen. Coun. "
J. L. Erdall, Gen. Solr..... "
G. A. Kingsley, Gen. Atty.. "
J. E. Palmer, Gen. Atty... "
A. H. Lossow, Commr. Coun..... "
W. A. Hays, Gen. Atty. .Milwaukee, Wis
J. L. McInerney, Gen. Atty. Chicago, Ill
H. G. Richardson, Clms. } Minneapolis,
Atty..... } Minn.
W. H. Schutt, R. E. Agt. .. "
J. E. Westlake, R. of W. & Asst. R. E. Agt... "
C. G. Sturtevant, Tax. Comr "
H. S. Funston, Land Comr. "

ACCOUNTING.

D. J. Bond, Compt... ... } Minneapolis,
A. E. Hancock, Asst. Compt..... } Minn.
B. Newhouse, Aud. Rev... "
C. E. Leatsch, Asst. Aud... "
F. E. Dooley, Aud. Valua.. "

STANDARD COUPLERS
STANDARD STEEL PLATFORMS
SESSIONS-STANDARD FRICTION DRAFT GEAR
Made by Standard Coupler Co. 110 East 42d St., N. Y.

550,000 TRUCKS IN USE

The BARBER Truck

Gives Bolster Lateral Travel

Our steel roller bearing center plate gives the truck free radial travel, lessening train resistance and preventing derailment.

STANDARD CAR TRUCK CO.

McCORMICK BUILDING, CHICAGO

Drop Tables

LOCOMOTIVE HOISTS
COACH HOISTS—
Standard and Portable
TRANSFER TABLES
TURNTABLE TRACTORS
CRANES
FOUNDRY EQUIPMENT

Send for catalog

WHITING CORPORATION

15621 Lathrop Avenue
HARVEY, ILL. (Chicago Suburb)

619—MINN., ST. PAUL & SAULT STE. MARIE—Con.

J. B. Donnelly, Aud. Cap. Exp. ..... } Minneapolis, Minn.
J. R. Chapman, Aud. Disb. "
R. A. Mueller, Frt. Aud. .... "
L. E. Hodson, Asst. Frt. Aud. "
A. A. Smith, Tkt. Aud. .... "
C. S. Pope, Aud. Misc. Co.'s. "
P. J. Stock, Gen. Acct. .... "

TRAFFIC.

F. R. Newman, V.-Pres. & Gen. Mgr. ..... } Minneapolis, Minn.
T. E. Sands, Frt. Traf. Mgr. } Minn.
E. G. Clark, G. F. A. ..... "

ASSISTANT GENERAL FREIGHT AGENTS.

C. V. Gallagher ..... Chicago, Ill
C. K. Landes ..... St. Paul, Minn
J. H. Rees ..... Minneapolis, Minn
E. F. Rice ..... "

H. M. Lewis, G. P. A. Minneapolis, Minn
B. E. Smeed, Asst. G. P. A. Chicago, Ill
O. A. Roedell, G. B. A. .... } Minneapolis, Minn.
A. E. Hodson, Frt. Clm. Agt } Minn.
J. T. Ludlum, Asst. Frt. Clm. Agt. ..... "

OPERATING.

A. E. Wallace, V.-Pres. & Gen. Mgr. ..... } Minneapolis, Minn.
T. W. Flannagan, Asst. to V.-Pres. & Gen. Mgr. .... "
C. M. Winter, Asst. to Gen. Mgr. "
W. C. Ranous, Supt. Tran. "
C. E. Urbahns, Gen. Supt. "

DIVISION SUPERINTENDENTS.

W. A. Barnard ... Thief River Falls, Minn
G. S. Baxter ..... Enderlin, N. D
E. H. Buhlman ..... Superior, Wis
W. H. Corbett ..... Gladstone, Mich
F. W. Curtis ..... Minneapolis, Minn
S. W. Derrick ..... Bismarck, N. D
C. L. Simpson (Asst.) ..... Chicago, Ill
F. W. Urbahns ..... Fond du Lac, Wis
W. W. Wade ..... Stevens Point, Wis

DIV. SUPERINTENDENTS OF TELEGRAPH.

A. S. Harris ..... Minneapolis, Minn
G. H. Mayer ..... Chicago, Ill

F. M. Gates, Supt. C. S. .... } Minneapolis, Minn.
C. F. Sundell, Supt. Sl. & Din. Cars ..... "
L. P. Green, Supt. Safety. "
G. Bradford, Supvr. Mails "
Dr. J. H. Rishmiller, Ch. Surg. "

PURCHASING.

¶ E. T. Stone, Pur. Agt. .... } Minneapolis, Minn.
G. W. Leigh, Gen. Str. Kpr. }
R. B. Bannerman, Str. Kpr. ..... Fond du Lac, Wis
J. B. Noyes, Str. Kpr. Minneapolis, Minn

MECHANICAL.

T. A. Foque, Gen. Mech. Supt. ..... } Minneapolis, Minn.
B. N. Lewis, Mech. Supt. ..... Fond du Lac, Wis
R. Simpson, Mech. Eng. } Minneapolis, Minn.
L. Ernest, Gen. M. M. .... }

MASTER MECHANICS.

A. V. Birch ..... Fond du Lac, Wis
W. F. Buscher ..... Superior, Wis
A. L. Fillmore ..... Stevens Point, Wis
A. G. Greenseth ..... Enderlin, N. D

MASTER MECHANICS—CONTINUED.

J. W. Hendry .. Thief River Falls, Minn
A. C. Peterson ..... Gladstone, Mich
F. M. Roberts ..... Bismarck, N. D

TRAVELING ENGINEERS.

J. F. Andrews ..... Superior, Wis
P. Ellrick ..... Gladstone, Mich
L. W. Englehart ..... Harvey, N. D
C. F. Gillaspy ..... Stevens Point, Wis
M. C. Hrabik ..... Fond du Lac, Wis
F. W. Kempf ..... Enderlin, N. D
G. Stanton ..... Minneapolis, Minn
J. S. Turner ..... Glenwood, Minn

C. A. McCulloch, Supt. Loco. Shops ..... } Minneapolis, Minn.
E. J. Robertson, Supt. Car Dept. ..... "

SST. SUPERINTENDENTS CAR DEPARTMENT.

H. Halvorson ..... Fond du Lac, Wis
H. W. Maurer ..... Minneapolis, Minn

A. C. Dittrich, Gen. Mech. Insp. ..... } Minneapolis, Minn.
H. A. Clark, Gen. Air Brk. Insp. ..... "
S. D. Dimond, Ch. Elect. .. "
O. E. Wolden, Fuel Supvr. .. "
G. H. Hammond, For. Paint. "
C. H. Putz, For. Paint Fond du Lac, Wis

ENGINEERING, BRIDGES & ROADWAY

E. A. Whitman, Ch. Eng. } Minneapolis, Minn.
T. Z. Krumm, Prin. Asst. Eng. ..... "
R. S. Claar, Res. Eng. .... "
J. G. Sheldrick, Res. Eng. .. "
L. C. Smith, Res. Eng. .... "

DIVISION ENGINEERS.

A. Birdsell ..... Minneapolis, Minn
J. R. Hamilton ..... "
J. S. Laughlin ..... Fond du Lac, Wis
D. McIntosh ..... Stevens Point, Wis
W. H. Stedji ..... Superior, Wis

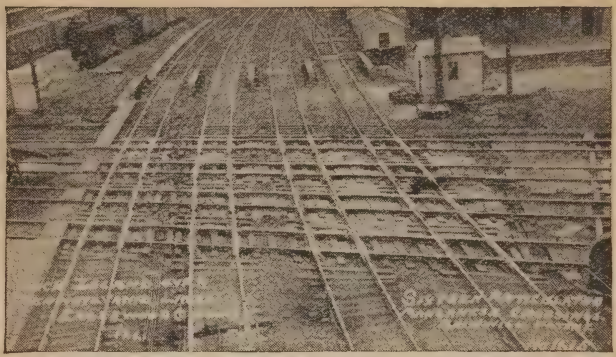
ASSISTANT DIVISION ENGINEERS.

L. D. Hamerski ..... Minneapolis, Minn
L. E. Loomis ..... "
H. Pederson ..... "
J. W. Peterson ..... "
R. E. Sherer ..... Enderlin, N. D
A. M. Swenson ..... Minneapolis, Minn

J. B. Kelly, Gen. Rd. Mast. } Minneapolis
C. M. Hayes, Asst. Gen. Rd. Mast. ..... } Minn.

ROAD MASTERS.

A. Amundson ..... Wishek, N. D
A. E. Baird ..... Flaxton, N. D
R. E. Calhoun ..... Barron, Wis
P. J. Cassidy ..... Stevens Point, Wis
A. I. Collins ..... Ladysmith, Wis
J. F. Collins ..... Waukesha, Wis
D. M. Connors ..... Bemidji, Minn
J. P. Dixon ..... Chippewa Falls, Wis
G. Eliason ..... Detroit, Minn
J. A. Erickson ..... Drake, N. D
T. M. Feeney ..... Glenwood, Minn
P. H. Flatley ..... Rhinelander, Wis
O. Hagen ..... Hankinson, N. D
G. A. Johnson ..... Shoreham, Minn
W. J. Johnson ..... Shawano, Wis
C. E. Kinnaw ..... Fairmount, N. D
L. B. Krogstad ..... Harvey, N. D



Install BALKWILL ARTICULATED CAST MANGANESE CROSSINGS (Patented) for PERMANENCE, LOW MAINTENANCE COST AND ECONOMY.

They will not fail at flangeway intersections same as solid cast crossings.

Hundreds of them installed by satisfied users.

Angles from 90 degrees to 35 degrees.

You order them from your crossing maker, built in accordance with our specifications, a copy of which will be sent you complimentary on request.

THE BALKWILL MANGANESE CROSSING COMPANY

Williamson Building, Cleveland, Ohio

619—MINN., ST. PAUL & SAULT STE. MARIE—Con.
ROAD MASTERS—CONTINUED.
M. I. Krogstad.....Emerdin, N. D
W. Marquette.....Devils Lake, N. D
R. Mathison.....Gladstone, Mich
W. McDiarmid.....Manistique, Mich
W. McGregor.....Minneapolis, Minn
J. P. McNally.....Superior, Wis
A. Munson.....Bismarck, N. D
C. Nelson.....Fordville, N. D
O. Odegard.....Crosby, Minn
J. O'Donohue.....Melien, Wis
T. R. Patterson.....Superior, Wis
J. E. Raby.....Fond du Lac, Wis
J. Salnes.....Overly, N. D
J Sebora .....Abbotsford, Wis
R. D. Sullivan...Thief River Falls, Minn
V. Vandewalle.....Moose Lake, Minn
J. R. Smith, Sig. Supvr.....Minneapolis, Minn
C. A. Smith, Sig. Insp. "

620—

621—MINNESOTA & INTERNAT'L RY.
211 Mls, 26 Loco, Cars: 477 Frt, 12 Pass, 17 Misc
W. H. Gemmell, Pres. & Gen. Mgr .....Brainerd, Minn
C. W. Bunn, V.-Pres.. ...St. Paul, Minn
R. H. Relf, Sec .. .. "
H. A. Clifford, Treas..... "
F. W. Sweney, Compt..... "
M. W. Downie, Aud.....Brainerd, Minn
T. J. Joyce, Car Acct.....St. Paul, Minn
¶C. E. Ressler, Act. Pur. Agt..... "
H. E. Titus, M. M. .....Bemidji, Minn
J. H. Davison, Eng. E. & B. Brainerd, Minn
H. Mills Rd. Mast.....Bemidji, Minn

622—MINNESOTA, DAKOTA & WESTERN RY. CO.
53 Mls, 6 Loco, Cars: 376 Frt
Minneapolis address, Builders Exchange.
E. W. Backus, Pres..... } Minneapolis,
✪S. W. Backus, V.-Pres. & Gen. Mgr..... } Minn.
G. McLean, V.-Pres..... } International
★✠C. L. Crandall, Asst. to V.-Pres & Gen. Mgr.. } Falls, Minn.
H. S. Gilkey, Sec..... } Minneapolis,
W. F. Brooks, Treas..... } Minn.
C. C. Honey, Asst. Treas.. "
R. D. Main, Compt ..... "
¶C. T. McMurray, Pur. Agt. "

623—MINNESOTA TRANSFER RY.
110 Mls, 19 Loco, Car: 1 Frt
E. E. Nash. Pres.....Minneapolis, Minn
¶H. A. Kennedy, V.-Pres...St. Paul, Minn
F. S. Leavitt, Sec. & Aud.. "
G. H. Hess, Jr., Compt... "
H. McCarthy, Supt..... "
J. Hoban M. M..... "
T. Simmerman, Ch. Eng. "

623a—MINNESOTA WESTERN R. R. CO.
101 Mls, 14 Loco (inc. 5 gas electric), Cars: 215 Frt, 17 Pass, 2 Misc
44 miles additional under construction.
✪W. L. Luce, Pres ..... } Minneapolis,
¶E. D. Luce, V.-Pres. & Gen. Mgr..... } Minn.
J. E. Luce, Asst. to Pres. } Minneapolis,
S. Solverson, Sec. & Treas. } Minn.
E. L. Benner, Gen. Aud... "
F. P. Kroll, G. F. A..... "
G. C. Newell, Car Acct..... "
§ J. S. Olson, M. M..... "
J. H. Smith, Rd. Mast..... "

623b—MISSISSIPPI & ALABAMA R.R. CO. 17 Mls, 2 Loco, Cars: 6 Frt, 1 Pass
✪J. W. Backstrom, Pres. & Gen. Mgr..... } Leakesville, Miss.
B. W. McLeod, Sec. & Treas. "
¶O. T. Broun, Aud. & Pur. Agt. "
C. F. Jones, M. M..... "
J. B. Conerly, Rd. Mast.... "

624—MISSISSIPPI & WESTERN R.R. CO., THE
12 Mls, 1 Loco, Cars: 2 Frt, 1 Misc
W. F. Ingham, Pres...Kansas City, Mo
T. W. Rosborough, V.-Pres.....Texarkana, Ark
J. Hutchison, Sec. & Asst. Gen. Mgr. .....Fouke, Miss
W. M. Waterman, Treas..Wascom, Tex
T. R. Tynes, Aud.....Fouke, Miss
H. Shaffer, Traf. Mgr..Kansas City, Mo
¶★✠S. K. Ingham, Gen. Mgr. Fouke, Miss

625—MISSISSIPPI CENTRAL R. R. CO.
150 Mls, 23 Loco, Cars: 844 Frt, 20 Pass, 28 Misc
F. L. Peck, Pres.....Scranton, Pa
C. S. Woolworth, V.-Pres. "
✪L. E. Faulkner, V.-Pres. & Gen. Mgr.....Hattiesburg, Miss
G. F. Royce, Sec.....Scranton, Pa
E. S. Peck, Treas..... "
C. Ehlers, Aud.... ..... } Hattiesburg,
T. Brady, Jr., Gen. Coun. } Miss.
J. C. Fields, Clm. Agt..... "
L. Morris, Traf. Mgr..... "
W. J. Kessler, Asst. G. F. A. "
J. E. Burns, Supt..... "
W. R. Evans, Car Acct..... "
¶H. O. Hoffman, Pur. Agt... "
W. E. Phelps, Gen. Str. Kpr. "
§ F. Naylor, M. M..... "
C. B. Lea, Gen. Car For..... "
S. B. Ringgold, Ch. Eng.... "
J. A. Skehan, Supvr..... "

625a—MISSISSIPPI EASTERN RY. CO
17 Mls, 2 Loco, Cars: 51 Frt, 2 Pass, 3 Misc
Kansas City Address, R. A. Long Bldg
✪R. S. Davis, Pres. & Gen. Mgr. } Kansas
R. T. Dempsey, V. Pres. & Treas. } City, Mo
F. A. Nelson, Sec. & Traf. Mgr... "
¶★✠W. E. Williams, Aud. & Gen. Supt..... .....Quitman, Miss

625b—MISSISSIPPI EXPORT R. R. CO.
45 Mls, 2 Loco, Cars: 19 Frt, 3 Pass, 10 Misc
A. F. Dantzler, Pres...Moss Point, Miss
G. M. Luce, V.-Pres.....Lucedale, Miss
T. L. DeLashmet, Sec. & Treas..... } Moss Point, Miss.
¶★✠✪C. C. MacLeod, Gen Mgr. "
H. S. Peckinpaugh, Traf. Mgr. "

625c—MISSISSIPPIAN RY.
24 Mls, 2 Loco, Cars: 6 Misc
J. T. Cochrane, Pres. .....Mobile, Ala
¶★✠J. T. Cochrane, Jr., V.-Pres. & Gen. Mgr.....Amory, Miss

BALDWIN

Steam Locomotives for All Classes of Service

Internal Combustion Locomotives for Switching and Industrial Service

Electric Locomotives (Baldwin-Westinghouse) for Mining, Industrial and Railway Service

Electric Motor and Trailer Trucks

Duplicate and Repair Parts for All Classes of Railway Motive Power

The Baldwin Locomotive Works

PHILADELPHIA, PA.

REPRESENTED BY

JAMES McNAUGHTON - - - 120 Broadway, New York, N. Y.
CHARLES RIDDELL - - - 627 Railway Exchange, Chicago, Ill.
A. S. GOBLE - - - 1210 Boatmen's Bank Bldg., St. Louis, Mo.
G. F. JONES - - - 512 Richmond Trust Bldg., Richmond, Va.
C. E. HALE - - - - 375 Union Trust Bldg., Pittsburgh, Pa.
RUSSELL A. HEY - 1108 Second National Bank Bldg., Houston, Tex.
A. J. BEUTER - - - 313 Northwestern Bank Bldg., Portland, Ore.
HENRY BLANCHARD - 908 Merchants Natl. Bank Bldg., St. Paul, Minn.
HENRY BARTLETT - - - - 185 Devonshire St., Boston, Mass.
WILLIAMS, DIMOND & CO. - {310 Sansome St., San Francisco, Cal. / 122 East Seventh St., Los Angeles, Cal.
PAUL G. CHEATHAM, Engineer - - 2a Capuchinas 48, Mexico, D. F.

626—MISSISSIPPI RIVER & BONNE TERRE RY.

64 Mls, 18 Loco, Cars: 704 Frt, 13 Pass, 2 Misc
New York address, 250 Park Ave.
C. H. Crane, Pres.....New York, N.Y
E. C. Smith, V.-Pres.... "
✪F. J. Thomure, V.-Pres. & Gen. Mgr..... } Bonne Terre, Mo
¶ W. G. Patton, Asst. to V.-Pres. & Gen. Mgr..... "
F. H. Dearing, Sec. & Treas... "
L. H. Besson, Asst. Sec. New York, N.Y
H. B. McGown, Asst. Treas. "
V. M. Johnston, Aud... Bonne Terre, Mo
M. Rittmaster, Asst. Aud. "
F. P. Sackbauer, G.F.&P.A. St. Louis, Mo
B. W. La Tourette, Asst. G. F. & P. A..... "
R. Doyle, Asst. Gen. Mgr. Bonne Terre, Mo
§ J. F. Kehrman, M. M.... "
H. Schanti, Ch. Eng..... "
C. E. Morrow, Asst. Eng. "

626a—MISSISSIPPI SOUTHERN R. R.

68 Mls, 2 Loco, Cars: 45 Frt, 3 Pass, 5 Misc
Chicago address, 10 So La Salle St.
Edward Hines, Pres.. ....Chicago, Ill
L. L. Barth, V.-Pres..... "
M. L. Hudson, V.-Pres. & Sec. "
W. S. Bennet, V.-Pres. & Gen. Coun ..... "
E. H. Thomas, Treas..... "
C. M. Thomas, Gen. Aud... "
W. L. Wallace, Clm. Agt.....Lumberton, Miss
A. A. Adams, Traf. Mgr.....Chicago, Ill
M. P. Smith, Asst. Traf. Mgr } Lumberton, Miss.
✪F. W. Pettibone, Gen. Mgr. }
¶ C. J. Pettibone, Gen. Supt.. "
★C. L. Skatvold, Ch. Eng.... "

627—MISSOURI & ILLINOIS BRIDGE & BELT R. R. CO.

3 Mls, 1 Loco, Car: 1 Pass
W. T. Loudon, Gen. Mgr.....Alton, Ill

627a—MISSOURI & KANSAS RY. CO., THE (Electric).

20 Mls, 1 Motor (Elec), Cars: 1 Frt, 6 Pass, 3 Misc
H. C. Flower, Pres.... } Overland Park, Kan.
¶★✠T. Riley, V.-Pres. & Gen. Mgr..... "
L. W. Hall, V.-Pres....Kansas City, Mo
A. D. Rider, Treas. Overland Park, Kan
E. H. Stair, Aud..... "

627c—MISSOURI & NO. ARKANSAS RY. CO.

365 Mls, 24 Loco, Cars: 631 Frt, 20 Pass, 107 Misc
✪W. Stephenson, Pres. & Gen. Mgr.....Harrison, Ark
¶ J. R. Tucker, Asst. to Pres. "
J. M. McGaughey, Sec. & Treas..... "
O. L. Craven, Gen. Atty....Neosho, Mo
T. N. Flinn, Clm. Agt....Harrison, Ark
L. A. Watkins, Gen. Aud. "
H. B. Agnew, Gen. Traf. Mgr..... "
H. P. Mitchell, G.F. & P.A. "
W. L. Flanery, Supvr. Agri..... "
J. B. Silaz, Gen. Supt....Harrison, Ark
G. S. Everitt, Asst. Supt. "
J. E. Halter, Asst. Supt....Kenscett, Ark
L. Frost, Gen. Str. Kpr..Harrison, Ark
W. R. Meeder, Supt. M. P. "
✠H. J. Armstrong, Ch. Eng. "
M. McKimmey, Res. Eng. "
I. E. Akers, Supt. B. & B. "
E. Lyons, Gen. Rd. Mast. "

ROAD MASTERS.

H. Haggard.....Leslie, Ark
J. H. Haworth.....Eureka Springs, Ark
E. C. Robinson.....Kensett, Ark

627b—MISSOURI-ILLINOIS R. R. CO.

138 Mls, 16 Loco, Cars: 555 Frt, 10 Pass, 11 Misc
New York address, 250 Park Ave.
C. H. Crane, Pres.....New York, N. Y
✪F. J. Thomure, V.-Pres. & Gen. Mgr..... } Bonne Terre, Mo.
J. M. Belleville, V.-Pres. Pittsburgh, Pa
¶ W. G. Patton, Sec. & Asst. to V.-Pres. & Gen. Mgr. } Bonne Terre, Mo.
F. H. Dearing, Treas..... "
V. M. Johnston, Aud..... "
M. Rittmaster, Asst. Aud. "
F. P. Sackbauer, G.F. & P.A. St. Louis, Mo
B. W. La Tourette, Asst. G. F. & P. A..... "
E. L. Kimmel, Asst. Gen. Mgr..Sparta, Ill
T. A. Roussin, M. M..... "
H. Schanti, Ch. Eng....Bonne Terre, Mo
C. E. Morrow, Asst. Eng.....Sparta, Ill

628—MISSOURI-KANSAS-TEXAS LINES.

MISSOURI-KANSAS-TEXAS R. R. CO.
MISSOURI-KANSAS-TEXAS R. R. CO OF TEXAS.

628a—Missouri-Kansas-Texas R. R. Co. 1,799 Mls, 472 Loco, Cars: 21,425 Frt, 448 Pass, 1,485 Misc

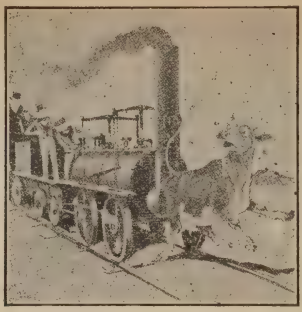
EXECUTIVE, FINANCIAL AND LEGAL.

H. Ruhlender, Ch. of Bd. New York, N.Y
C. E. Schaff, Pres..... } St. Louis, Mo.
C. N. Whitehead, Exec. V.-Pres. } "
C. R. McDonald, Asst. to Pres. "
C. Haile, V.-Pres. (Traffic).... "
W. M. Whitenton, V.-Pres. Dallas, Tex
F. F. Randolph, V.-Pres. New York, N.Y
N. A. Phillips, Sec..... .... } St. Louis, Mo.
F. Johnson, Asst. Sec. & Treas } "
T. H. Simpson, Asst. Treas.... "
J. M. Bryson, Gen. Coun..... "
W. E. Williams, Mgr. Dept... "
Personnel..... "
Z. G. Hopkins, Mgr. Dept. Public Rel..... "

GENERAL ATTORNEYS.

W. W. Brown.....Parsons, Kan
C. S. Burg.....St. Louis, Mo
M. D. Green.....Muskogee, Okla
C. S. Hoffman.....St. Louis, Mo

A. R. Thickitt, Gen. Clm. Agt.....Parsons, Kan
J. W. Finucane, Frt. Clm. Agt..... "
C. S. Sherwin, Land & Tax Comr.....Dallas, Tex
T. L. Peeler, Ind. Comr .... "



"Very awkward . . *for the Cow*"

When STEPHENSON *ran the first engine on the Stockton & Darlington railroad, he met with all kinds of opposition and arguments. One man said: "Suppose a cow should stray on the track. Wouldn't that be awkward?"*

STEPHENSON *answered solemnly, but with a twinkle in his eye, "Very awkward—for the cow"*

. .

PROGRESS cannot be stopped by straying cows or men with no foresight.

New machine tools, radically different, have been developed in the past few years. They are as far ahead of older tools as the first railroad engine was ahead of the other methods of transportation.

But some men oppose them. There is the opposition of those who react against anything new. There is the worse opposition of men who *will* not find out, *will* not see, who sit passively using obsolete tools that are eating their own heads off in cost-of-production compared with new tools.

We have only praise for the man who investigates these new machine tools, and then decides he will stick to the old tools regardless of facts and figures. At least he knows the particular waste-place into which he is pouring his money.

But we would like to awaken the Presidents, the Vice-Presidents and high executives of big industrial concerns to the possibility of great savings—the *actuality* of great savings—that can come from replacing obsolete machine tools with new, modern machinery.

In these keen days of fighting for business, competitors who are up-to-date in equipment have too much edge to allow a rival (whose obsolete equipment makes higher cost) to get his share of the business.

And the man who gets in the way of progress will find himself, as Stephenson's cow, in a very awkward situation.

Check up! Inventory your machine tools by the date of their installation. Send your list to us and let our engineers recommend frankly the machine tools you should have *whether we make them or not.*

Niles-Bement-Pond Company, 111 Broadway, New York

Divisions of NILES-BEMENT-POND COMPANY

THE NILES TOOL WORKS COMPANY, *Hamilton, Ohio*
RIDGWAY MACHINE COMPANY, *Ridgway, Pa.*
NILES GEAR COMPANY *111 Broadway, New York*
PRATT AND WHITNEY COMPANY, *Hartford, Conn.*
NILES CRANE CORPORATION, *Philadelphia, Pa.*

MISSOURI-KANSAS-TEXAS LINES—Continued.

628a—Missouri - Kan.-Tex. R. R. Co.—Continued.

ACCOUNTING.

J. G. Livengood, Compt...St. Louis, Mo
J. T. Mahaney, Asst Compt. "
E. W. Peabody, Aud..... "
E. F. Broomhall, Aud. Disb. "
T. A. Gray, Aud. Rev..... "
C. D. Pantle, Gen. Acct.... "
R. M. Kleinhans, Car Acct. Parsons, Kan

TRAFFIC.

C. Haile, V.-Pres.....St. Louis, Mo
G. T. Atkins, Frt. Traf. Mgr. "
R. C. Trovillion, G. F. A... "
W. V. Galbreath, Gen. Live Stock Agt .....Fort Worth, Tex

ASSISTANT GENERAL FREIGHT AGENTS.

H. Allen.....St. Louis, Mo
D. J. Collins..... "
C. L. Lyons.....Kansas City, Mo
R. D. Williams.....St. Louis, Mo

W. G. Crush, Pass. Traf. Mgr. Dallas, Tex
W. M. Fenwick, G. P. A...St. Louis, Mo
W. A. Kelland, G. B. A...Parsons, Kan

OPERATING.

W. M. Whitenton, V.-Pres...Dallas, Tex
E. D. Winslow, Asst. to V.-Pres. "
H. E. McGee, Gen. Mgr....Denison, Tex

SUPERINTENDENTS.

A. E. Boughner (Term.)...St. Louis, Mo
F. W. Grace.....Muskogee, Okla
J. F. Hickey.....Boonville, Mo
S. B. Moore.....Parsons, Kan

W. H. Hall, Gen. Supt. of Tel.....Denison, Tex
T. T. Turner, Supt. Din. Serv.....Kansas City, Mo
O. W. Campbell, Supt. Car Serv.....Denison, Tex
J. K. Ellis, Supt. Spec. Serv. Dallas, Tex
J. L. Walsh, Supt. Safety... "
S. Y. Ball, Supt. Time Serv. St. Louis, Mo
R. S. Burnside, Supvr. Scales. Dallas, Tex
E. F. Yancey, Med. Dir.....Sedalia, Mo

PURCHASING.

¶G. E. Scott, Pur. Agt.....St. Louis, Mo
D. V. Fraser, Asst. Pur. Agt.. "
C. L. Wright, Gen. Str. Kpr. Parsons, Kan
G. F. Smith, Trav. Str. Kpr.. "

DISTRICT STORE KEEPERS.

H. J. Blum.....Parsons, Kan
R. L. Dillen.....Sedalia, Mo

STORE KEEPERS.

F. R. McCright.....Baden, Mo
E. A. Peck.....Muskogee, Okla
C. Sebers.....Oklahoma City, Okla
S. B. Starkey.....New Franklin, Mo
A. T. VanWinkle. { Glen Park, Kan., P.O. Kansas City, Mo.

P. A. McAnaney, Supply Train Supvr.....Parsons, Kan
F. E. Robinson, Sta.....St. Louis, Mo
J. M. Johnston, Fuel Agt.. "
W. J. Smith, Tie & Tim. Agt..Denison, Tex
W. Elam, Ch. Timb. Insp..Parsons, Kan

MECHANICAL.

C. L. Buckingham, Eng. Tests.....Parsons, Kan
H. M. Warden, Mech. Supt. "
N. J. Boughton, Mech. Eng. "
S. E. Wilson, Mech. Insp.. "

MASTER MECHANICS.

E. E. Cornish.....New Franklin, Mo
W. H. McCune.....Muskogee, Okla
J. J. Melley.....Parsons, Kan

ROAD FOREMEN OF ENGINES.

S. Armstrong.....Muskogee, Okla
J. H. Henley..... "
W. L. Hunnicut.....Boonsville, Mo
W. W. Sinclair.....Parsons, Kan
J. R. Tierney..... "

SHOP SUPERINTENDENTS.

M. D. Chase.....Parsons, Kan
W. Walker.....Sedalia, Mo

J. R. Hayden, Asst. Supt. Car Dept. { Denison, Tex.
C. T. McElvaney, Supvr. Air Brks..... "
E. J. Kuhn, Ch. Draft.....Parsons, Kan
C. H. Griffith, Elec. Eng.. "
L. E. Hardeman, Gen. Insp.. "
H. G. Allen, Gen. Car For.. "
C. E. Stanton, Ch. Loco. Insp..Dallas, Tex
T. R. Bain, Asst. Loco. Insp.....Smithville, Tex
J. Rowlette, M. C. Paint.....Sedalia, Mo
E. H. McLaughlin, Mast. Loco. Paint.....Parsons, Kan

ENGINEERING, BRIDGES & ROADWAY

F. Ringer, Ch. Eng.....St. Louis, Mo
J. M. Metcalf, Prin. Asst. Eng. "
A. W. Galbreath, Valua. Eng.....Parsons, Kan
C. R. Montgomery, Off. Eng..St. Louis, Mo
R. M. Stubbs, Brdg. Eng.... "
A. L. Sparks, Arch..... "
K. H. Hanger, Eng. M. W.....Dallas, Tex
E. M. Moursund, Asst. to Eng. M. W. "
J. H. Davidson, Water Eng. Parsons, Kan

DISTRICT ENGINEERS.

R. C. Dunley.....Parsons, Kan
A. Harvey.....Muskogee, Okla
W. W. Marshall.....Boonville, Mo

SUPERVISORS BRIDGES & BUILDINGS.

R. F. Christy.....Muskogee, Okla
J. M. Gibbs.....Parsons, Kan
O. O. Horton.....Boonville, Mo

ROAD MASTERS.

T. G. Banks.....Oklahoma City, Okla
F. T. Folsom.....Parsons, Kan
T. Humphrey..... "
M. E. Loftus.....Muskogee, Okla
C. Lyons.....Mokane, Mo
A. Mahoney.....Parsons, Kan
M. Melvin.....Woodward, Okla
G. L. Moody.....McAlester, Okla
O. M. Patterson.....Mokane, Mo
R. E. Patterson.....Sedalia, Mo
A. W. Peterson.....Parsons, Kan.
E. B. Reddy.....Sedalia, Mo
C. M. Rutherford.....Parsons, Kan
W. D. Sheridan.....Muskogee, Okla
Wm. Stiles..... "

SAFETY LIGHTING FIXTURES The Safety C. H. & L. Co. 2 Rector St., New York.

PERMANENT EFFICIENCY!

EIGHT years of severe operation and rigorous tests have proved that the open feed-water heater can accomplish a saving of coal that is continuously high at a cost of maintenance that is consistently low.

The Worthington Pump and Machinery Corporation are manufacturers of:

Pumps of all types for all services;

FEATHER Valve Reg. U.S. Pat. Off.

Air Compressors.

Diesel Oil Engines.

Meters (Oil and Water).

Feed-water Heaters (locomotive and stationary).

WORTHINGTON PUMP AND MACHINERY CORPORATION

115 BROADWAY, NEW YORK CITY

BRANCH OFFICES IN 24 CITIES

WORTHINGTON

5529-2-B

MISSOURI-KANSAS-TEXAS LINES—Continued.

628a—Missouri - Kan.-Tex. R. R. Co. Continued.

SIGNAL DEPARTMENT.

J. A. Johnson, Sig. Eng...Denison, Tex
W.H.Dutton, Eng.Sig.Const. "
A.R.Trout.Gen.Sig.Supvr.Parsons.Kan
W.T.Everett,Sig.Supvr.Muskogee,Okla

628b—Missouri-Kansas-Texas R. R. Co. of Texas.

1,389 Mls, 89 Loco, Cars: 667 Frt, 38 Pass, 720 Misc

EXECUTIVE, FINANCIAL AND LEGAL.

C. E. Schaff, Pres. } Dallas,
C. N. Whitehead, Exec.V-Pres. } Tex.
W. M. Whitenton, V.-Pres..... "
C. S. Sherwin, Sec..... "
E. T. Nelson, Treas..... "
J. M. Bryson, Gen. Coun..... "
W. E. Williams, Mgr. Dept. Personnel.....St.Louis,Mo
Z. G. Hopkins, Mgr. Dept. Public Rel..... "
C. C. Huff, Gen. Solr..... } Dallas.
W.L.Alexander,Gen.Clm.Agt. } Tex.
H. Bierman, Gen. Frt. Clm. Agt. "
C. S. Sherwin, Land & Tax Comr. "

ACCOUNTING.

O. H. Bower, Aud.....Dallas, Tex
G. A. Peach, Aud. Disb..... "
E. N. Larson, Aud. Rev..... "
R. M. Kleinhans, Car Acct.. "

TRAFFIC.

G. T. Atkins, Frt. Traf. Mgr..Dallas,Tex
J. F. Garvin, G. F. A..... "
D. Allen, Asst. G. F. A..... "
W.G.Crush,Pass.Traf.Mgr. "
R.Daniels, Asst. G. P. A.... "
W. Walthall, Asst. G. F. & P. A.....San Antonio, Tex
W. A. Kellond, G. B. A.....Dallas,Tex
W.V. Galbreath, Gen. Live } Ft. Worth,
Stock Agt..... } Tex.
T. L. Peeler, Ind. Comr.....Dallas, Tex

OPERATING.

W. M. Whitenton, V.-Pres..Dallas, Tex
E.D.Winslow,Asst.toV.-Pres. "
H. E. McGee, Gen. Mgr....Denison, Tex

SUPERINTENDENTS.

D. C. Dobbins.....Wichita Falls, Tex
E. E. Hanna.....Denison, Tex
J. H. Little.....Waco, Tex
R. Wynne (Joint Trk.)....Denton, Tex
W. H. Hall, Gen. Supt. Tel. Denison, Tex
T. T. Turner, Supt. Din. Serv.....Kansas City, Mo
O. W. Campbell, Supt. Car Serv.....Denison, Tex
J. K. Ellis, Supt. Spec. Serv..Dallas, Tex
J. L. Walsh, Supt. Safety.... "
S.Y. Ball, Supt. Time Service. "
R. S. Burnside, Supvr. Scales. "
E. F. Yancey, Med. Dir.....Sedalia, Mo

PURCHASING.

¶G. E. Scott, Pur. Agt.....St. Louis, Mo
C.L.Wright, Gen.Str. Kpr. Denison, Tex
N. C. Galleher, Asst. Gen. Str. Kpr..... "
V.P. Adrian, Dist.Str.Kpr. "
G. W. Scott, Dist.Str.Kpr....Waco,Tex

STORE KEEPERS.

W. H. Alexander.....Dallas, Tex
E C. Dearing.....Denison, Tex
E. Drennan.....San Antonio, Tex
E. E. Finch.....Smithville, Tex
L. J. Garner.....Wichita Falls, Tex
L. A. Johnston.....Houston, Tex
R. V. McCool.....Ft. Worth, Tex
W. F. Sellers.....Walnut Springs, Tex

W. J. Smith, Tie & Timber Agt.....Denison, Tex

MECHANICAL.

H.M.Warden, Mech.Supt. Parsons, Kan

MASTER MECHANICS.

A. J. Lewis..... .... Denison, Tex
A. B. Shanks.....Waco, Tex
R. A. Walker.....Wichita Falls, Tex

ROAD FOREMEN OF ENGINES.

A. Hallman.....Wichita Falls, Tex
G. Hallman.....Waco, Tex
A. C. Rider.....Denison, Tex
A. H. Rothmeyer.....Waco, Tex
F. Rutledge..... "

J. M. Webster, Shop Supt...Waco, Tex
F. Hopper, Mech. Insp..... "
C. H. Griffith, Elec. Eng..Parsons, Kan
J. R. Hayden, Asst. Supt. Car Dept.....Denison, Tex
C.T. McElvaney, Supvr. Air Brks..... "
G. O. Luckie, Gen. Car For. "
J. P. Ellis, Gen. Car. For....Waco, Tex
L. E. Hardeman, Gen. Insp..Parsons, Kan
C.E.Stanton, Ch.Loco.Insp...Dallas, Tex
T. R. Bain, Asst. Ch. Loco. Insp.....Smithville, Tex
A. Smith, For. Paint Shop...Waco, Tex

ENGINEERING, BRIDGES & ROADWAY

F. Ringer, Ch. Eng.....Dallas, Tex
J.M.Metcalf, Prin.Asst.Eng.St.Louis, Mo
A. W. Galbreath, Valua. Eng.....Parsons, Kan
W. C. Brown, Off. Eng.....Dallas, Tex
C.R.Montgomery, Off.Eng..St.Louis, Mo
J.H.Davidson, Water Eng.Parsons, Kan
A. L. Sparks, Arch.....St. Louis, Mo

DISTRICT ENGINEERS.

C. W. Campbell.....Wichita Falls, Tex
J. P. Head.....Waco, Tex
W. C. Pruitt..... "
F. M. Thomson.....Denison Tex

R. M. Stubbs, Brdg. Eng..St. Louis, Mo

SUPERVISORS BRIDGES & BUILDINGS.

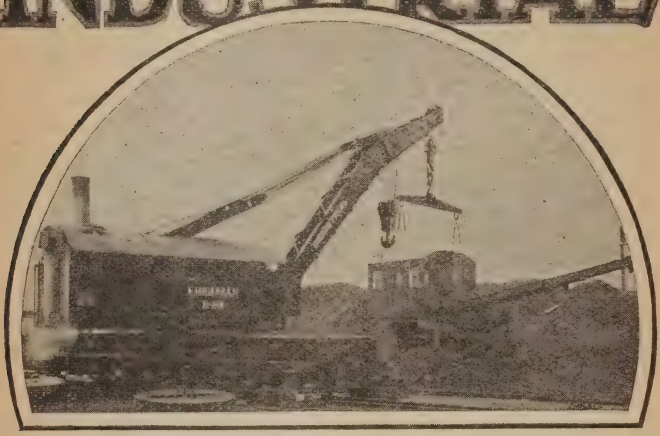
W. S. Irby.....Waco, Tex
G. A. Purdy.....Denison, Tex

K.H.Hanger, Eng. M. W.....Dallas, Tex
E.M.Moursund, Asst, toEng M.W. "

ROAD MASTERS.

J. J. Galleher.....Smithville, Tex
R. C. Gilliam..... "
A. L. Hamilton.....De Leon, Tex
B. Harrisen.....Hillsboro, Tex
B. C. Metcalf.....Dallas, Tex
W. W. Moore..... "
D. M. Neer.....Waco, Tex
F. Smith..... "

INDUSTRIAL



FROM A TO Z—

YOU railroad men know your business; the INDUSTRIAL WORKS knows cranes—from A to Z. And who wouldn't, with a background of 53 years experience; working, studying, improving, striving toward the goal with one desire—to build the finest cranes in the world.

INDUSTRIAL CRANES and relative products are found in every branch of industry, but especially railroads, the arteries of the nation. There are over 420 railroads in all parts of the globe who are INDUSTRIAL owners and boosters.

The illustration shows the range of INDUSTRIAL capacities. The 5-ton type A is the smallest INDUSTRIAL; the type Z 200-ton is the world's largest wrecker.

Write for information on locomotive, crawling tractor, wrecking, wharf, barge, gantry, transfer and pillar cranes; pile drivers, rail saws, transfer tables, steam hammers, wood grapples and clamshell buckets.

INDUSTRIAL WORKS · · BAY CITY · MICHIGAN

MISSOURI-KANSAS-TEXAS LINES—Continued.

628b—Missouri - Kan.-Tex. R. R. Co. of Tex.—Continued.

ROAD MASTERS—CONTINUED.

J. A. Spurlock.....Wichita Falls, Tex
E. E. Turner.....San Antonio, Tex
L. E. Willis.....Denison, Tex
J. R. Woods.....

J. A. Johnson, Sig. Eng....Denison, Tex
R.R. Wood, Eng. Sig. Const. "
G. J. Rohan, Sig. Supvr.....Waco, Tex
G. T. Shelton, Sig. Insp..... "

——†MISSOURI, KANSAS & TEXAS RY. OF TEXAS.

See M.-K.-T. R. R. Co. of Tex., No. 628b

629a—MISSOURI PACIFIC LINES.

10,147 Mls, 1,542 Loco, Cars: 53,517 Frt, 1,078 Pass, 4,068 Misc

Mileage and equipment also shown separately for each road.

37—ASHERTON & GULF RY. CO.
——BEAUMONT, SOUR LAKE & WESTERN RY. CO., THE
394a—GULF COAST LINES.
420—HOUSTON & BRAZOS VALLEY RY. CO.
439—INTERNATIONAL-GREAT NORTHERN R. R. CO.
629—MISSOURI PACIFIC R. R. CO.
667—NATCHEZ & SOUTHERN RY. CO.
679—NEW IBERIA & NORTHERN R. R. CO.
686—NEW ORLEANS, TEXAS & MEXICO RY. CO.
——ORANGE & NORTHWESTERN R. R. CO.
818—RIO GRANDE CITY RY.
872b—SAN ANTONIO, UVALDE & GULF R. R. CO., THE
——ST. LOUIS, BROWNSVILLE & MEXICO RY. CO., THE
942—SUGAR LAND RY. CO.

629—MISSOURI PACIFIC R. R. CO., THE 7,338 Mls, 1,240 Loco, Cars: 44,037 Frt, 840 Pass, 3,404 Misc

Chicago address, 208 So. La Salle St.
New York address, 120 Broadway.
St. Louis address, Railway Exchange

EXECUTIVE, FINANCIAL AND LEGAL.

W. H. Williams, Ch. of Board.....New York, N. Y
L. W. Baldwin, Pres.....St. Louis, Mo
E. M. Durham, Jr., Asst. to Pres. ..... "
W. G. Vollmer, Asst. to Pres. "
F. J. Shepard, V.-Pres..New York, N. Y
J. G. Drew, V.-Pres.....St. Louis, Mo
E. J. White, V.-Pres. & Gen. Solr..... "
E. G. Merriam, Asst. to V.-Pres. & Gen. Solr..... "
C. E. Perkins, V.-Pres..... "
H. R. Safford, V.-Pres....Houston, Tex
H. L. Utter, Sec. & Treas. New York, N. Y
O. B. Huntsman, V.-Pres., Asst. Sec. & Asst. Treas. "
F. W. Irland, Asst. Sec..... } St. Louis,
F. M. Hickman, Loc. Treas. } Mo.
T. T. Railey, Asst. to Gen. Solr. "
R. M. McWilliam, Exec. Gen. Agt..... "

GENERAL ATTORNEYS.

H. Bernstein.....Monroe, La
J. W. Canada.....Memphis, Tenn
T. H. Devine.....Pueblo, Col
J. F. Green.....St. Louis, Mo
T. Hackney.....Kansas City, Mo
J. A. C. Kennedy.....Omaha, Neb
E. B. Kinsworthy.....Little Rock, Ark
T. B. Pryor.....Ft. Smith, Ark
W. P. Waggener.....Atchison, Kan

J. H. Amos, Chns. Atty..... } St. Louis,
L. L. Atwood, Contract Atty. } Mo.
J. M. Seibert, R. E. & Tax Agt. "

ACCOUNTING.

F. P. Johnson, Gen. Aud..... } St. Louis,
T. M. Niven, Asst. Gen Aud. } Mo.
W. J. Wright, Asst. Aud..... "
W. H. Malcolm, Aud. Frt. Rec. "
S. H. Bone, Asst. Aud. Frt. Rec. "
H. C. Abbey, Aud. Sta. Accts. "
H. H. McIntyre, Aud. Pass. Rec. "
D. Laughlin, Asst. Aud. Pass. Rec..... "
C. B. Moore, Aud. Disb..... "
G. A. Rust, Asst. Aud. Disb... "
C. B. Milsom, Gen. Acct..... "
E. G. Trobaugh, Car Acct..... "

TRAFFIC.

C. E. Perkins, V.-Pres..... } St. Louis,
M. C. Markham, Asst. to V.-Pres..... } Mo.
W. A. Rambach, Frt. Traf. Mgr. "

ASST. FREIGHT TRAFFIC MANAGERS.

W. I. Jones.....St. Louis, Mo
D. R. Lincoln..... "
O. G. Parsley..... "
C. C. P. Rausch..... "

GENERAL FREIGHT AGENTS.

J. G. Carlise.....St. Louis, Mo
G. H. Hamilton.....Kansas City, Mo
E. Mock.....St. Louis, Mo
H. L. Traber.....Little Rock, Ark

ASST. GENERAL FREIGHT AGENTS.

A. W. Aylin.....Little Rock, Ark
A. R. Bogan.....St. Louis, Mo
C. Bourne, Jr.....Memphis, Tenn
F. B. Clark.....St. Louis, Mo
J. R. Duckworth.....Omaha, Neb
N. England.....New Orleans, La
A. A. Godt.....St Louis, Mo
C. Hogsett.....Kansas City, Mo
D. Jacobs.....Alexandria, La
P. J. McCarthy.....St. Louis, Mo
L. J. Sickel..... "
W. H. Thompson..... "
H. R. Wilson..... "

C. L. Stone, Pass. Traf. Mgr. } St. Louis,
A. D. Bell, Asst. Pass. Traf. Mgr. } Mo.
J. G. Hollenbeck, Gen. Pass. Agt. "

ASST. GENERAL PASSENGER AGENTS.

C. K. Bothwell.....Little Rock, Ark
H. H. Butler.....St. Louis, Mo
W. H. Donny.....Kansas City, Mo
H. H. Muchall..... "

W. H. Bissland, G. B. A.....St. Louis, Mo
O. C. Olsen, Foreign Frt. Agt. "
R. B. Williamson, Frt. Clm. Agt..... "

will test Tell-Tale Flexible Staybolts with

100% ACCURACY

and is

90% CHEAPER

and

66% FASTER

than any other method of inspection.

MAY WE SEND DETAILED INFORMATION CONCERNING THE FLANNERY TESTER AND TELL-TALE FLEXIBLE BOLT?

FLANNERY BOLT CO.

FLANNERY BLDG. PITTSBURGH, PA.

629—MISSOURI PACIFIC Continued.

M. Lucy, Ind. Comr.....St. Louis, Mo
J. T. Stinson, Dir. Agri. Develop. "
E. E. Corlis, Agri. Agt.. Branson, Mo
H. E. Mack, Mgr. Mail Traf. St. Louis, Mo
E. G. Popkess, Gen. Live Stock Agt.....Kansas City, Mo

OPERATING.

J. Cannon, Gen. Mgr.....St. Louis, Mo
E. C. Wills, Asst. Gen. Mgr. "
R. C. White, Asst. Gen. Mgr. "
C. McNay, Asst. to Gen. Mgr. "

GENERAL SUPERINTENDENTS.

W. E. Brooks.....Little Rock, Ark
L. A. David.....St. Louis, Mo
W. F. Kirk.....Kansas City, Mo

SUPERINTENDENTS.

R. A. Brimm.....McGehee, Ark
C. J. Brown.....Falls City, Neb
P. Carroll.....Coffeyville, Kan
C. C. Chapman.....Poplar Bluff, Mo
T. W. Cheatham.....Osawatomie, Kan
O. E. Coyne.....Illmo, Mo
J. W. Daniels.....Aurora, Mo
C. H. Dunaway.....Atchison, Kan
R. H. Dwyer.....Van Buren, Ark
J. L. Kendall.....Nevada, Mo
W. E. Lamb.....Monroe, La
J. W. Rea.....Jefferson City, Mo
A. R. Taylor.....Little Rock, Ark
A. H. Webb.....Wichita, Kan
R. C. Williams.....Wynne, Ark

ASSISTANT SUPERINTENDENTS.

C. M. Andrews.....Ft. Smith, Ark
W. L. Ferrick.....Dupo, Ill
J. M. Kelly.....Wichita, Kan
J. D. Moore.....Helena, Ark
W. R. Petty.....St. Louis, Mo
D. H. Robinson.....Sedalia, Mo
K. B. Shaver.....Pueblo, Col
J. T. Watson.....El Dorado, Ark
M. F. Weeks.....Alexandria, La

SUPERINTENDENTS OF TERMINALS.

C. A. Clements.....St. Louis, Mo
F. T. Mahoney.....Kansas City, Mo

D. O. Ouellet, Gen. Supt. Trans.....St. Louis, Mo
W. H. Haley, Asst. Supt. Trans. "
M. L. Hayes, Asst. Supt. Trans. "

INSPECTORS OF TRANSPORTATION.

F. W. Foltz.....St. Louis, Mo
H. S. Grant..... "
D. W. Hickey..... "
J. H. Jackson..... "
G. W. Marriott..... "
M. McKernan..... "
J. F. Simms..... "

G. O. Herbert, Supvr. Serv. Bur.....St. Louis, Mo
L. E. Martin, Supt. Par. & Din. Cars.. 605 S. Rankin Ave., "
J. C. Browne, Supt. Tel..... "
D. T. G. Smith, Asst. Supt. Tel. "
W. Rogers, Tele. & Telo. Eng. "
C. F. Larson, Supt. Safety.. "
T. F. Scruby, Supt. Sta. & Clm. Prevention..... "
F. A. Clifford, Asst. Supt. Sta. & Clm. Prev..... "

S. L. Landis, Supt. Fuel Conserv.....St. Louis, Mo
Dr. P. F. Vasterling, Ch. Surg. "

PURCHASING.

¶ W. A. Hopkins, Gen. Pur. Agt. } St. Louis Mo.
A. A. Taylor, Asst. to Gen. Pur. Agt..... "
P. B. Buhrman, Fuel Insp..... "
L. P. Krampf, Supply Agt..... "
H. F. Schack, Asst. Supply Agt. "
L. V. Hyatt, Supvr. of Matl. Standardization..... "
J. T. Van Horn, Sta..... "
J. M. Doolittle, Tie & Tim. Agt. "
J. C. Gann, Insp. Strs..... } No. Little Rock, Ark P. O. Little Rock
L. L. Studer, Insp. Strs.....St. Louis, Mo

DISTRICT STORE KEEPERS.

W. Dixon (Asst.).....Sedalia, Mo
J. J. Fogarty.....De Soto, Mo
J. M. Hinman.....Sedalia, Mo
E. A. Porter.....St. Louis, Mo
H. C. Ralls.....Little Rock, Ark

DIVISION STORE KEEPERS.

M. E. Baile.....Kansas City, Mo
J. E. Bogan.....Nevada, Mo
R. W. Bostwick.....Omaha, Neb
E. Brittingham.....Paragould, Ark
W. R. Caldwell.....Monroe, La
C. M. Foster.....Falls City, Neb
J. G. Gehring.....Crane, Mo
W. H. Hopkins.....Van Buren, Ark
E. C. Ingalls.....Dupo, Ill
W. W. Johnston.....Ft. Scott, Kan
C. W. Krumm.....Osawatomie, Kan
E. Lindstrom.....Atchison, Kan
W. O. McClellan.....Coffeyville, Kan
B. H. O'Meara.....Hoisington, Kan
F. R. Slezak.....McGehee, Ark

STORE KEEPERS.

C. J. Beard.....Lexa, Ark
R. M. Boggess.....Pueblo, Col
C. H. Bracken.....Hoxie, Ark
W. M. Cravens.....Poplar Bluff, Mo
E. C. De Woody.....Bush, Ill
J. G. Doyle.....Texarkana, Ark
M. W. Hammer.....Alexandria, La
Y. B. Hendrix.....Wichita, Kan
H. Hoerschen.....Jefferson City, Mo
M. W. Jenkins.....Ferriday, La
F. Linberg.....El Dorado, Ark

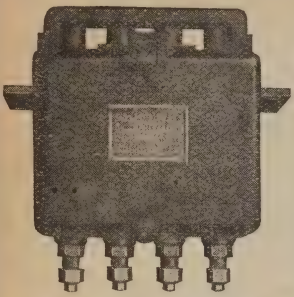
MECHANICAL.

W. H. Fetner, Ch. Mech. Off..St. Louis, Mo
W. C. Smith, Asst. to Ch. Mech. Off..... "
C. Harter, Ch. Mech. Eng. "
O. A. Garber, Mech. Supt.. "
W. G. Seibert, Asst. Mech. Supt. "
J. R. Jackson, Eng. Tests. "
W. A. Bedell, Gen. M. M... "

DIVISION MASTER MECHANICS.

J. L. Butler.....Dupo, Ill
G. T. Callender.....Falls City, Neb
E. Colburn.....Van Buren, Ark
D. W. Cunningham..Jefferson City, Mo
W. A. Curley.....Poplar Bluff, Mo
J. P. Downs.....Wichita, Kan
E. R. Hanna.....Osawatomie, Kan
A. P. Housholder. } 3001 Chouteau Ave., St. Louis, Mo

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York • Chicago



HOOFER

Pneumatic Flange Oiler

Flange Lubrication Finally Solved.

Absolute Control of Quantity of Oil Supplied.

Distribution of Oil Confined to Throat of Flange.

Low Grade Fuel Oil or Crude Oil Used.

No Valves to Regulate by Enginemen.

Intermittent Air Blown through Feed Pipes Prevents Clogging by Dirt and Cinders.

Enormous Saving in Wheel, Flange and Rail Wear. Why Not Investigate?

HOOFER MFG. CO.

549 W. Washington Blvd. - - - Chicago, Ill.

WHY A LEAK—STOP IT.

BAD ORDER CARS cause the loss of many hard earned dollars to railroad companies and shippers of grain, seed, food stuffs and package goods.

MUCH OF THIS LOSS can be saved by the use of Kennedy Car Liners. These car liners practically condition a bad order car and enable shippers to load cars that otherwise would be rejected.

KENNEDY SYSTEM of car liners prevent leakage in transit and afford sanitary protection to bulk shipments and food stuffs.

WE MAKE Kennedy Car Liners for all cases of bad order cars, consisting of full Standard Liners, End Liners, Door Liners, Sanitary and Sand Liners.

WILL YOU NOT give us an opportunity to submit full details of our system and the low cost of same? We are confident this would demonstrate to you the efficiency and money saving merits of our liner.

THE KENNEDY CAR LINER & BAG CO.

SHELBYVILLE, INDIANA

Canadian Factory at Woodstock, Ont.

629—MISSOURI PACIFIC—Continued.

DIVISION MASTER MECHANICS—CONT'D

O. W. Judd.....Crane, Mo
C. R. Kilbury.....Coffeyville, Kan
N. F. Le Mon.....Paragould, Ark
W. H. McAmis.....Hoisington, Kan
H. W. Reinhardt.....Monroe, La
G. K. Stewart.....Atchison, Kan
A. R. Sykes.....McGehee, Ark
R. H. Tait.....Kansas City, Mo
J. M. Whalen.... { No. Little Rock, Ark / P. O. Little Rock
V. H. Winnberg.....Nevada, Mo

T. W. Love, Gen. Rd. For. Eng.....St. Louis, Mo
J. W. McIlveigh, Gen. Rd. For. Eng..... "

ROAD FOREMEN OF ENGINES.

W. C. Black.....Van Buren, Ark
L. D. Buckalew.....McGehee, Ark
S. E. Bushey.....Jefferson City, Mo
C. W. Cook.....Osawatomie, Kan
B. J. Dunn.....Illmo, Mo
J. Farmer.....McGeehee, Ark
J. E. Ferguson.....Monroe, La
F. E. Fitzgerald.....Coffeyville, Kan
F. W. Gratiot.....Jefferson City, Mo
L. P. Groth.....St. Louis, Mo
R. J. Havers.....El Dorado, Ark
T. L. Lamb.....Little Rock, Ark
E. R. Lockhart.....Poplar Bluff, Mo
C. E. McAuliffe.....Wichita, Kan
L. A. McCabe.....Wynne, Ark
N. Nisson.....Falls City, Neb
E. F. Putnam.....Nevada, Mo
C. Snodgrass.....Little Rock, Ark
C. W. Teeter.....Hoisington, Kan
H. J. Wade.....Kansas City, Mo

J. E. Kilker, Shop Eng.....Sedalia, Mo
A. A. Ferguson, Tool Supvr. } St. Louis,
J. C. McElree, Elec. Eng..... } Mo.
L. D. Moore, Elec. Eng..... "
W. A. Bender, Mech. Insp..... "
W. Martin, Mech. Insp..... "
C. D. Clawson, Supvr. Pow. Plants. "
W. G. Busch, Supvr. Weld..... "

GENERAL FOREMEN LOCOMOTIVE DEPT.

J. B. Crahan.....St. Louis, Mo
G. Dabner..... { North Little Rock, Ark / P. O. Little Rock
P. G. Treadway.....Sedalia, Mo

S. O. Taylor, M. C. B..... } St. Louis,
J. P. Stewart, Gen. Supvr. Air Brks..... } Mo.
R. Wark, Trav. Air Brk. Insp. "
T. P. Madden, Trav. Boiler Insp. "
J. L. McGinnis, Asst Trav. Boiler Insp..... "

GENERAL CAR INSPECTORS.

W. B. Shea.....Kansas City, Mo
A. C. Wilson.....Little Rock, Ark

SHOP SUPERINTENDENTS.

E. E. Arnold.....De Soto, Mo
J. W. Lemon.....Sedalia, Mo
E. F. Stroeh... { North Little Rock, Ark / P. O. Little Rock

W. Stothers, Gen. For. Shops.....Kansas City, Mo

FOREMEN CAR DEPARTMENT.

R. G. George.....Sedalia, Mo
C. H. Lembke.....Kansas City, Mo
A. L. Marshall.. { 810 So. Compton Ave., St. Louis, Mo.
J. Rae..... { No. Little Rock, Ark / P. O. Little Rock
L. Smith.....Sedalia, Mo
H. M. Watts.....Little Rock, Ark

FOREMEN PAINTERS.

C. A. Gilbert.....Sedalia, Mo
M. D. Orebaugh. { No. Little Rock, Ark / P. O. Little Rock.

ENGINEERING, BRIDGES & ROADWAY

E. A. Hadley, Ch. Eng..... } St. Louis,
S. L. Wonson, Asst. Ch. Eng. } Mo.
A. A. Miller, Eng. M. W..... "

ASST. ENGINEERS MAINTENANCE OF WAY.

A. F. Dorley..... } St. Louis,
E. B. Fithian..... } Mo.
W. H. Vance..... "

W. M. Neptune, Prin. Asst. Eng..... } St. Louis, Mo.
J. A. Lahmer, Sr. Asst. Eng.... "
W. C. Swartout, Sr. Asst. Eng. "
C. Wamsley, Sr. Asst. Eng.... "
C. S. Sample, Constr. Eng..... "
R. E. Warden, Eng. Public Improv,.... Little Rock, Ark
F. E. Bates, Brdg. Eng..... } St. Louis,
R. P. Hart, Asst. Brdg. Eng. } Mo.
E. M. Tucker, Arch..... "
W. H. Hobbs, Eng. of Design. "
J. A. Prickett, R. of W. Agt.... "
V. I. Nettleton, Asst. R. of W. Agt..... "
H. C. Searls, Valua Eng..... "
W. J. Burton, Asst. Valua. Eng. "
L. Craine, Asst. Valua. Eng.... "
J. S. Butterfield, Landscape Eng. "
W. R. Barton, Gen. Fire Ch... "
L. T. Maenner, Office Eng..... "
W. T. G. Topping, Ch. Draft... "

DIVISION ENGINEERS.

J. S. Bassett.....McGehee, Ark
R. G. Bush (Asst.).....Hoisington, Kan
R. E. Cahill.....Atchison, Kan
J. Davis.....Little Rock, Ark
R. H. Hallsted.....Wynne, Ark
V. C. Halpin.....Monroe, La
E. P. Hawkins.....Osawatomie, Kan
R. H. Holm.....Illmo, Mo
H. A. Israel.....Kansas City, Mo
F. A. Jones.....Falls City, Neb
W. A. Kennon..... { Main & Olive Sts., St. Louis, Mo.
H. D. Knecht.....Coffeyville, Kan
J. H. McFadden.....Nevada, Mo
A. P. Morrison. .....Jefferson City, Mo
J. R. Nagel.....Poplar Bluff, Mo
R. M. Smith.....Van Buren, Ark
L. Winship.....Wichita, Kan

ASSISTANT ENGINEERS.

P. B. Anderson.....St. Louis, Mo
C. E. Bishop.....Poplar Bluff, Mo
A. F. Bradford.....McGehee, Ark
R. G. Burkhart.....St. Louis, Mo
A. B. Chaney.....Van Buren, Ark
C. R. Chevalier.....St. Louis, Mo
R. N. Clarke.....Kansas City, Mo

Forging Machinery
FOR
THE FORGE SHOP

Bolt and Rivet Headers; Upsetters; Bulldozers; Forging and Tapering Rolls, Hot Pressed Nut Machines; Scrap Reclaiming Rolls.

THE AJAX MFG. CO., Cleveland, Ohio

NEW YORK OFFICE: Hudson Terminal Bldg., 50 Church St.
CHICAGO OFFICE: 621 Marquette Bldg.

LIMA 2-8-4
Super-Power
Steam Locomotive

LIMA LOCOMOTIVE WORKS
Incorporated
Lima, Ohio 17 E. 42nd St., New York

629—MISSOURI PACIFIC—Continued.

ASSISTANT ENGINEERS—CONTINUED.

L. L. Coffey.....Coffeyville, Kan
R. Craig.....St. Louis, Mo
A. F. Crowder..... "
W. A. Davidson.....Sedalia, Mo
W. R. Dietrick.....St. Louis, Mo
C. F. Ehrlich..... "
E. L. Freeland..... "
W. H. Giles..... "
J. H. Greason.....Aurora, Mo
D. S. Hair.....Illmo, Mo
E. A. Haner.....Monroe, La
C. A. Hewes.....St. Louis, Mo
C. B. Huffman.....Falls City, Neb
G. B. January.....St. Louis, Mo
C. J. Jaeschke..... "
E. J. Lassiter..... "
P. Libby..... "
W. R. Luhn.....Osawatomie, Kan
L. C. Marshall.....St. Louis, Mo
W. A. Matson.....Wichita, Kan
A. D. May.....Little Rock, Ark
H. Miller.....St. Louis, Mo
M. Norvell.....Nevada, Mo
G. W. Payne.....St. Louis, Mo
W. R. Rhodes..... "
J. J. Schnebelen..... "
J. H. Shieber..... "
G. S. Smith..... "
W. A. Smith..... "
L. M. Tough, Jr..... "
D. F. Tracy..... "
W. G. Turner..... "
R. E. Wachter..... "
P. P. Wagner.....Wynne, Ark
G. R. Walsh.....St. Louis, Mo
G. R. Westcott..... "
H. H. White..... "
E. J. Wildermuth..... "

H. H. Richardson, Eng. Water Serv ..... St. Louis, Mo.

INSPECTORS OF WATER SERVICE.

H. Bryant.....St. Louis, Mo
M. M. Munson.....Kansas City, Mo
R. G. Sutton.....Little Rock, Ark

SUPERVISORS OF WATER SERVICE.

S. E. Bateman.....Wynne, Ark
C. Brown.....Coffeyville, Kan
F. G. Clements.....Kansas City, Mo
R. F. Cook..... No. Little Rock, Ark; P. O. Little Rock
J. Cowley.....St. Louis, Mo
J. M. Cowsert.....Gorham, Ill
O. Davis.....Nevada, Mo
F. P. Farrell.....Pueblo, Col
J. W. Files.....Poplar Bluff, Mo
E. Hammer.....Wichita, Kan
W. Hill.....Osawatomie, Kan
L. E. Hyatt.....Sedalia, Mo
J. M. Marshall.....Monroe, La
J. C. Nicholson.....Van Buren, Ark
C. F. Popejoy.....Atchison, Kan
J. Rentschler.....Falls City, Neb
C. Sander.....Aurora, Mo
W. W. Seay.....McGehee, Ark
J. E. Webb.....Little Rock, Ark

CHEMISTS.

J. E. Hayes.....El Dorado, Ark
W. L. Heitzman.....Osawatomie, Kan
H. L. McMullin.....Little Rock, Ark
J. B. Wesley.....Kansas City, Kan

R. J. Bruce, Gen. Supvr. B. & B.....St. Louis Mo.

SUPERVISORS OF BRIDGES & BUILDINGS.

A. H. Bandy.....Wichita, Kan
H. H. Best.....Little Rock, Ark
S. H. Busby.....Falls City, Neb
L. G. Byrd.....McGehee, Ark
R. L. Calhoun.....Wynne, Ark
H. W. Clark.....Atchison, Kan
W. S. Clark.....Kansas City, Mo
P. F. Gentine.....Coffeyville, Kan
W. Hausgen.....Sedalia, Mo
C. W. Hornecker.....Van Buren, Ark
A. J. Huffman.....Nevada, Mo
H. M. Myers.....Osawatomie, Kan
M. Paffrath..... 4th & Poplar Sts., St. Louis, Mo
A. C. Redmond.....Aurora, Mo
A. C. Roberts.....Monroe, La
D. G. Tewksbury.....Illmo, Mo
C. Walther.....Poplar Bluff, Mo

F. H. Schlinkert, Supt. Scales.....St. Louis, Mo

SCALE INSPECTORS.

F. S. Elliott.....St. Louis, Mo
W. M. McKay..... "
C. E. Stover..... "
E. J. Woods..... "
C. L. Wynne..... "

BUILDING INSPECTORS.

J. C. Fallon.....St. Louis, Mo
F. D. Greene..... "
A. T. Smith..... "

ROAD MASTERS.

C. Augustine.....Yates Center, Kan
L. A. Baucom.....Chester, Ill
J. E. Bone, 4th & Poplar Sts., St. Louis, Mo
E. E. Boyer.....De Soto, Mo
J. F. Campbell.....Gurdon, Ark
N. Campbell.....Ft. Smith, Ark
E. F. Cathers.....Atchison, Kan
C. E. Cherry.....Marquette, Kan
W. L. Choate.....El Dorado, Ark
J. T. Conley.....Council Grove, Kan
H. Corneilson.....Osawatomie, Kan
J. Cross.....Jefferson City, Mo
E. T. Dearth.....Monroe, La
M. J. Dillon.....Little Rock, Ark
J. Y. Dollar.....Russellville, Ark
F. Dorsey.....Kansas City, Mo
I. C. Ellison.....Wynne, Ark
M. J. Farrell.....Aurora, Mo
C. Flacy.....Monroe, La
A. J. Freeman.....Tallulah, La
W. J. Harding.....Wichita, Kan
J. D. Hitchcock.....Monroe, La
C. L. Isard.....Wynne, Ark
L. W. Johnson.....Hoisington, Kan
W. S. Layton.....Atchison, Kan
M. Leonard..... No. Little Rock, Ark; P. O. Little Rock
M. Lunsford.....Bush, Ill
E. Lyberger.....Carthage, Mo
J. Lynch.....Garnett, Kan

Norton Jacks

are the Highest Class
Lifting Jacks
in the World.

**Standard on
America's Railroads
for 40 years.**

Send for Circular of

**Norton Improved
No. 350 Journal Jacks.**

The highest development
in a 35 ton Jack.

MADE AND GUARANTEED BY

A. O. NORTON, Inc.

Pioneer and Leader in the Ball Bearing Jack Industry

Factories { **Boston, Mass.**
Coaticook, Prov. Quebec, Canada

Chicago Office—920 South Michigan Avenue

629—MISSOURI PACIFIC—Continued.

ROAD MASTERS—CONTINUED.

E. G. Masters.....Auburn, Neb
G. Mathews.....Concordia, Kan
J. G. Maynor.....Pine Bluff, Ark
S. A. McCall.....Wagoner, Okla
J. W. McManus.....Omaha, Neb
T. McManus.....Falls City, Neb
L. Mead.....Butler, Mo
J. A. Morris.....Lake Village, Ark
M. W. Murphy.....{ 4th & Poplar Sts., St. Louis, Mo
W. F. Murray.....McGehee, Ark
H. Neiderheim (Act.).....Sedalia, Mo
J. A. Nolan.....Illmo, Mo
M. O'Laughlin.....{ Cornell, Kan. P. O. Pittsburg
J. T. Pace.....{ Myrick, Mo. P. O. Lexington
W. Pace.....Washington, Mo
W. H. Park.....Coffeyville, Kan
J. R. Pinkerton.....Kensett, Ark
W. Rambo.....Dupo, Ill
W. Ray.....Wichita, Kan
A. F. Riss.....Poplar Bluff, Mo
W. H. Roberts.....Horace, Kan
R. R. St. Clair.....Downs, Kan
W. Sheridan.....Van Buren, Ark
R. E. Shockley.....Ordway, Col
E. B. Short.....Ferriday, La
I. E. Short.....Kansas City, Mo
J. Sisk.....Bismarck, Mo
C. G. Smith.....Alexandria, La
J. F. Smith.....Gurdon, Ark
M. L. Stage.....Helena, Ark
J. W. Stewart.....Boonville, Mo
C. Stone.....Butler, Mo
G. W. Tull.....Conway Springs, Kan
G. W. Wallis.....Batesville, Ark
W. Weiland.....Coffeyville, Kan
W. P. Welch.....McGehee, Ark

SIGNAL DEPARTMENT.

B. H. Mann, Sig. Eng.....St. Louis, Mo

ASSISTANT ENGINEERS.

W. W. Burch.....St. Louis, Mo
R. G. Foster.....
A. Hunot.....
J. W. Roussan.....
C. E. Tocher.....
O. R. Unger.....
L. S. Werthmueller.....

E. M. Kempe, Train Control Supvr.....Osawatomie, Kan
W. A. Stahl, Train Control Exam.....St. Louis, Mo

SIGNAL INSPECTORS.

J. C. Finch.....St. Louis, Mo
L. D. Woods.....

SIGNAL SUPERVISORS.

W. N. Barnes.....Wichita, Kan
C. Brady.....Coffeyville, Kan
T. W. Douglass.....Monroe, La
C. H. Edelman.....St. Louis, Mo
M. L. Goehringer.....Nevada, Mo
J. J. Halcy.....Little Rock, Ark
L. G. Jones.....Wynne, Ark
N. S. Lynch.....Kansas City, Mo
J. L. Marcum.....Chester, Ill
F. Myers.....Little Rock, Ark
R. R. Ragland.....De Soto, Mo

SIGNAL SUPERVISORS—CONTINUED.

H. O. Robinson.....Osawatomie, Kan
J. Sicht.....Falls City, Neb
W. L. Whittington, Jefferson City, Mo

ELECTRICAL SUPERVISORS.

E. H. Bradshaw.....Little Rock, Ark
G. W. Gray.....St. Louis, Mo
O. J. Hoeschulte.....
J. A. Pilger.....
J. B. Waters.....Kansas City, Mo

630—

631—MISSOURI SOUTHERN R.R. CO

54 Mls, 3 Loco, Cars: 11 Frt, 3 Pass, 2 Misc

Chicago address, 310 So. Michigan Ave.

F. D. Stout, Pres.....Chicago, Ill
J. A. McCoy, Asst. to Pres.....
J. A. Fremon, V.-Pres.....Leeper, Mo
J. R. Lindsay, Sec. & Treas..Chicago, Ill
J. R. Midkiff, Aud.....Leeper, Mo
¶ H. A. Radtke, Gen. Mgr.....
E. P. Prator, M. M.....

631a—MOBILE & GULF R. R. CO.

33 Mls, 4 Loco, Cars: 4 Frt, 1 Pass, 6 Misc

Louisville address, 4th & "K" Sts.

J. G. Brown, Pres.....Louisville, Ky
P. P. Joyes, V.-Pres.....
E. R. Clark, Sec.....
D. A. Wingfield, Treas.....Fayette, Ala
W. P. Castleman, Traf. Mgr.....Louisville, Ky
W. A. Gates, G.F.A. & Aud.....
B. E. Kenney, Gen. Mgr....Fayette, Ala
J. M. Vernon, Supt.....
W. P. Lawrence, Tie & Timber Agt.....
W. T. Rudy, M. M.....
E. L. Hendrix, Ch. Eng. Tuscaloosa, Ala

632—MOBILE & OHIO R. R. CO.

1,161 Mls, 220 Loco, Cars: 7,869 Frt, 118 Pass, 475 Misc

EXECUTIVE, FINANCIAL AND LEGAL.

Fairfax Harrison, Pres.....Washington, D. C
E. E. Norris, V.-Pres.....St. Louis, Mo
C. B. Hayes, V.-Pres.....Mobile, Ala
C. E. A. McCarthy, Sec.{ 120 Broadway, New York, N. Y
R. Miller, Asst. Sec.....Mobile, Ala
G. A. Cooke, Treas.....
W. M. Brown, Asst. Treas...
C. Fox, Gen. Solr.....{ St. Louis, Mo.
R. C. Beckett, Jr., Tax Comr.

ACCOUNTING.

E. H. Kemper, Compt..Washington, D.C
J. B. Duke, Gen. Aud..
W. W. Middleton, Aud.....Mobile, Ala
L. A. DeOrnellas, Asst. Aud
E. T. Jervey, Aud. Disb.....
A. R. Cameron, Aud. Rec..

TRAFFIC.

E. E. Norris, V.-Pres.....St. Louis, Mo
W. Shipley, Traf. Mgr.....{ Fullerton Bldg., St. Louis, Mo
E. B. Farrell, Asst. to Traf. Mgr.....St. Louis, Mo
W. H. Grumley, G.F.A.{ Fullerton Bldg., St. Louis, Mo

ASST. GENERAL FREIGHT AGENTS.

L. C. Cardinal.....Montgomery, Ala
R. L. De Pew.....St. Louis, Mo

STANDARD STEEL PLATFORMS
In use by 281 Companies
MADE BY
STANDARD COUPLER CO.
110 East 42d St., New York

REINFORCED

HEAD-FREE or HEAD-FISHING

CONTINUOUS or 100% JOINTS

TEST STRONGER AND ARE TOUGHER

THAN ANY SIMILAR BAR, OF THE
SAME COMPOSITION AND
TREATMENT, NOT
HAVING THE
REINFORCING

THEY ARE ALREADY IN GENERAL USE

THE RAIL JOINT COMPANY

165 BROADWAY NEW YORK CITY

BRANCHES IN NINE CITIES

MAKERS OF BASE-SUPPORTED AND 100% RAIL JOINTS FOR STANDARD, GIRDER AND SPECIAL RAIL SECTIONS. ALSO "RAJO" TRACK LINERS, JOINT BARS FOR ELECTRIC WELDING, JOINTS FOR FROGS AND SWITCHES, INSULATED RAIL JOINTS AND STEP OR COMPROMISE RAIL JOINTS.

PATENTED IN UNITED STATES AND CANADA

632—MOBILE & OHIO—Continued.

ASST. GEN. FREIGHT AGENTS - CONTINUED.

W. H. Eggerton. .... New Orleans, La
C. P. Jackson.....Birmingham, Ala
J. F. Ross, Jr..... Mobile, Ala
J. M. Simon.....St. Louis, Mo
C. C. Taylor.....Memphis, Tenn

E. B. Blair, Gen. East. } 280 Broadway,
Frt. Agt..... { New York, N.Y
S. Curtis, G. P. A..... } Fullerton Bldg.,
{ St. Louis, Mo.
H. H. Rauth, Asst. G.P.A..St. Louis, Mo
P. J. Schardt, Supvr.
Mail Traf.....Washington, D. C
J.H.Patterson,Frt.Clm.Agt.Mobile,Ala
W.E.Kennedy,For. Frt.Agt. "
E. L. Robison, Gen. Live
Stock & Ind. Agt.....St. Louis, Mo
R.A.Chadwick,Comm.Agt. "

OPERATING.

E. E. Norris, V.-Pres .....St. Louis, Mo
V. J. Thompson, Asst. to
V.-Pres.... ..... "
C. E. Ervin, Gen. Mgr..... "
B. B. Tolson, Asst. to
Gen. Mgr.....Murphysboro, Ill

SUPERINTENDENTS.

F. M. Bulloch.....Murphysboro, Ill
J. G. Minniece.....Meridian, Miss
D. F. Rice.....Jackson, Tenn

J. P. Howell, Supt. Trans. St. Louis, Mo
J. B. Murphy, Supt. Tel..Jackson, Tenn
J. Wachter. Supt. Term.....Mobile, Ala
J. W. Fox. Car Acct.....St. Louis, Mo
Dr. F. M. Inge, Ch. Surg....Mobile, Ala

PURCHASING.

¶W, J. Diehl. Pur. Agt.....St. Louis, Mo

DIVISION STORE KEEPERS.

T. S. Edgell.....Murphysboro, Ill
W. J. Given .....Jackson, Tenn
D. G. McKenzie.....Tuscaloosa, Ala
V.Y.Shoemaker.....Meridian, Miss
C. R. Williams.....Whistler, Ala

H. C. Dawson, Sta.....Mobile, Ala

MECHANICAL.

G. L. Lambeth. Supt. M. P.
& Car Equipment.....Jackson, Tenn
R. L. Ettenger, Consit. } Washington,
Mech. Eng..... { D.C.

MASTER MECHANICS.

W. Q. Daugherty.....Jackson, Tenn
N. B. Garrett.....Tuscaloosa, Ala
J. E. Stevens.....Murphysboro, Ill
A. R. Teague.....Whistler, Ala

W. A. Cato, For Paint....Whistler, Ala

ENGINEERING, BRIDGES & ROADWAY

B. A. Wood. Ch. Eng.....St. Louis, Mo
H. Austill, Brdg. Eng..... "
E. J. Henriques, Off. Eng... "
C. A. Hayes, Arch..... "

DIVISION ENGINEERS.

J. V. Johnston.....Jackson, Tenn
C. H. Owens..... ....Meridian, Miss

SUPERVISORS BRIDGES & BUILDINGS.

W. L. Bennett.....Meridian. Miss
A. H. Nichols.....Tuscaloosa, Ala

ROAD MASTERS.

L. C. Arnold.....Murphysboro, Ill
S.W.Cheatham(Asst.) "
W. B. Harris.....Jackson, Tenn
F. W. Kahlmus.....Tuscaloosa, Ala
J. Mulvoy .....Meridian, Miss

TRACK SUPERVISORS.

L. E. Gorman.....Tuscaloosa, Ala
J. R. Graham.....Meridian, Miss
V. C. Hanna.....Tuscaloosa, Ala
J. S. Mason.....Okolona, Miss
W. R. Millis.....Union City, Tenn
J. W. Ramer.....Corinth, Miss
J. T. Stallings.....Citronelle, Ala

633—MODESTO & EMPIRE TRACTION CO. 5 Mls, 3 Loco, Cars: 2 Frt

W. F. Beard, Pres. & Gen. } Modesto,
Mgr..... { Cal.
F. O. Hoover, Sec..... "
R. H. Tucker, Treas ..... "
W. H. Murray, Traf. Mgr. &
Aud..... "
¶★✠G. K. Beard, Supt..... "

634—

635—MONONGAHELA CONNECTING R. R. CO., THE

42 Mls, 42 Loco, Cars: 607 Frt, 11 Misc
Pittsburgh address, 311 Ross St

A. B. Shepherd, Pres..... } Pittsburgh,
F. A. Ogden, V.-Pres. & G. } Pa.
F. A..... ..... "
J. N. Wilson, Sec. & Aud... "
J. C. Watson, Treas..... "
J. S. Brown, Asst. Sec. &
Asst. Treas..... "
N. F. Reid, Asst. Aud..... "
G. H. Mertz, Frt. Agt ..... "
✠C. M. White, Gen. Supt..... "
J. R. Geddes, Supt..... "
J. Fitzsimmons, Car Acct... "
¶T. R. Latshaw, Pur. Agt.... "
A.E.Herrold, M.M. & M.C.B. "

636—MONONGAHELA RY. CO., THE

130 Mls, 63 Loco, Cars: 8 Pass, 56 Misc
Pittsburgh address, 1202 Century Bldg.

✪H. C. Nutt, Pres. & Gen.Mgr. } Pitts-
E. T. Whiter, V.-Pres..... { burgh, Pa
J. B. Yohe, V.-Pres..... "
S. H. Church, Sec..... "
T. H. B. McKnight, Treas..... "
W. D. Hill, Aud..... "
A. Van Meter, Gen. Atty..... "
D. K. Orr, Supt.....Brownsville, Pa
C. Malone, Asst. Supt. Maidsville, W.Va
S. Cameron, Supt Frt. Trans. } Browns-
¶M. S. Smith, Pur. Agt..... } ville, Pa
§ W.P. Cunningham, Supt. } So. Browns-
M. P..... ... } ville, Pa.
D. H. Kinter, Gen. For. Car
Dept..... "
G.H.Burnette.Ch.Eng..Brownsville, Pa

637—MONONGAHELA WEST PENN PUBLIC SERVICE CO.

194 Mls, 3 Loco, Cars: 30 Frt, 121 Pass, 19 Misc

G. M. Alexander, Pres..... } Fairmont,
E. H. Smith, Asst. to Pres.. } W. Va.
J. D. Whittemore, V.Pres. &
Gen. Mgr..... "

With an Established Reputation

EDWARDS
Car Equipment

The result of many years of earnest endeavor to produce the best for safety, convenience and economy

Window fixtures
All metal sash balances
Sash locks and racks
Sash lifts
Anti-rattle compression devices
Metal stop casings and parting stops
Top, bottom and side weather stripping
Steel vestibule and trap doors
Trap door locks and latches

Blue prints, prices and information promptly furnished

O. M. Edwards Company, Inc.

Main Office and Factory

New York **Syracuse, N. Y.** **Chicago**

637—MONONGOHELA W. PENN PUB. SERV.—Con.

C. P. Billings, V.-Pres...Pittsburgh, Pa
R. B. Keating, V.-Pres & Treas..... "
S. E. Miller, Sec.....Fairmont, W. Va
O. F. Lough, Aud..... "
C. H. Hardesty, Local Mgr..... Parkersburg, W. Va.
R. W. Spofford, Mgr. of Rys. } Fairmont, W. Va.
F. E. Brown, Gen. Clm. Agt. }
¶ J. D. Alexander. Pur. Agt... "
H. A. Holmes, Gen. Supt. Power. Dept..... "
J. A. Duffy, Supt. Rolling Stock ..... "

SUPERINTENDENTS OF POWER PLANTS.

D. Crafts.....Parkersburg, W. Va
H. T. Weis.....Rivesville, W. Va

C. C. Holtzworth, Eng. M. W. } Fairmont, W. Va.

—† MONON ROUTE.

See C., I. & L. R. R., No. 200.

638—MONROE & TEXAS R. R.

Abandoned 1925.

639—MONSON R. R.

8 Mls, 2 G, 2 Loco, Cars: 24 Frt, 1 Pass, 2 Misc

H. E. Morrill. Supt.....Monson, Me

639a—MONTANA R. R.

3 Mls. Equipment owned—none.

R. McColloch, Pres.....St. Louis, Mo
L. King, V.-Pres.....Clarksville, Ark
C. O. Reynolds, Sec. & Treas Chicago, Ill
¶★✠✪T. P. Giacomini, Gen. Mgr.....Clarksville, Ark

639b—MONTANA SOUTHERN R. R.

40 Mls, 3 G, 3 Loco, Cars: 24 Frt, 3 Pass

40 miles additional under construction.

W. R. Allen, Pres.....Coolidge, Mont
H. D. Carmicheal, V.-Pres..Butte, Mont
B. Shea, Sec ..... "
F. H. Tyro, Treas. & Aud. Coolidge, Mont
¶★✠F. P. Morrill, Mgr..Wise River, Mont

640—MONTANA WESTERN RY. CO.

20 Mls, 2 Loco, Cars: 7 Frt, 2 Pass

J. T. Stanford, Pres...Great Falls, Mont
J. Stanford, V.-Pres.....Valier, Mont
R. W. Speir, Sec. & Treas. "
¶★✪W. J. Telgener, Aud. & Supt..... "
R. Russell, Gen. Mgr..... "
C. T. Nolan, Rd. Mast..... "

641—MONTANA, WYOMING & SOUTHERN R. R. CO.

34 Mls, 4 Loco, Cars: 150 Frt, 2 Pass, 2 Misc

New York address, 115 Broadway.

M. A. Zook, Pres.....New York, N. Y
¶✪W. H. Bunney, V.-Pres. & Gen. Mgr..... .....Belfry, Mont
W. L. O'Connor, Sec. & Treas.....New York, N. Y
H. R. Routh, Aud.....Belfry, Mont
G. J. Wentz, M. M..... "
L. E. Carrington, Rd. Mast. "

642 to 645—

646—MONTOUR R. R. CO.

57 Mls, 22 Loco, Cars: 2,247 Frt, 4 Pass, 21 Misc

Coraopolis address, 1711 State Ave.

✪H. J. German, Pres.....Pittsburgh, Pa
J. B. L. Hornberger, V.-Pres. & Compt..... "
W. K. Field, V.-Pres..... "
F. J. Le Moyne, V.-Pres. & Treas..... "
A. Westlake, Sec..... "
D. Rose, Gen. Coun..... "
I. F. Malone, Aud..... "
H. E. Sheets, G. F. & P. A. "
C. N. Clark, Supt.....Coraopolis, Pa
¶F. E. Now, Pur. Agt.....Pittsburgh, Pa
E. A. Rauschart, Mech. Supt.....Coraopolis, Pa
T. E. Doyle, For. Paint Shop. "
W. E. Fowler, Ch. Eng.. "
T. H. Gaffney, Rd. Mast. "

647—MONTPELIER & WELLS RIVER R. R., 42 Mls

BARRE & CHELSEA R. R. CO., 24 Mls

10 Loco, Cars: 309 Frt, 11 Pass, 22 Misc

E. S. French, Pres.....Rochester, Vt
J. T. Smith, V.-Pres. & Treas..... .....Burlington, Vt
J. E. Willis, Aud..... } Montpelier, Vt.
H. C. Stoughton, Asst. Treas. & G. F. & P. A..... "
M. J. Richardson, Car Acct. "
¶✠G. K. Groom, Supt..... "
J. Wahlen, Mech. Supt..... "
A. W. Cook, Supvr. M. W. & S. "

647a—MONTREAL & ATLANTIC RY.

185 Mls, 12 Loco, Cars: 525 Frt, 23 Pass, 107 Misc

Operated by Canadian Pacific Ry., No. 139

648—MONTREAL & SOUTHERN COUNTIES RY. CO.

57 Mls, 3 Loco, Cars: 39 Frt, 47 Pass, 6 Misc

✪W. B. Powell, Gen. Mgr. St. Lambert, Que
J. Norman, Aud..... "
W. O. Le Ber, Supt.... "
R. N. Godin, Supvr. Shops & Power..... "
U. St. Germain, Shop For. "
W. H. Maxwell, Supvr. Trk. & Bldgs..... "

For other officials see C. N. Rys., No. 137

648a—MOORE CENTRAL RY. CO.

23 Mls, 2 Loco. Cars owned—none

J. C. Hurley, Pres.....Troy, N. C
J. M. Brown, V.-Pres.....Hemp, N. C
W. C. Brown, V.-Pres..... "
A. Ross, Sec. & Gen. Mgr. Asheboro, N. C
¶★✠M. H. Birkhead, Supt. "

648b—MOORE HAVEN & CLEWISTON RY. CO.

For officials see A. C. L. R. R., No. 47.

SAFETY LIGHTING FIXTURES The Safety C. H. & L. Co. 2 Rector St., New York.

LUBRICATING GRAPHITE
FLAKE AND AMORPHOUS
FLAKE GRAPHITE
in all sizes from large flake to airfloated powder
AMORPHOUS GRAPHITE - AIRFLOATED
SPECIAL - PARAGON FLAKE GRAPHITE
Pure, finely powdered, suitable for lubricating steam chest and cylinders where superheated steam is used.
GEORGE F. PETTINOS,
1206 Locust Street,
PHILADELPHIA, PA.

McMYLER—
cranes
Locomotive—Crawler—Traction
Pile Drivers—Car Dumpers
Equipment for Moving Materials
THE McMYLER-INTERSTATE CO.
CLEVELAND
INTERSTATE

649—MOREHEAD & NORTH FORK R.R CO. 25 Mls, 2 Loco, Cars: 8 Frt, 3 Pass, 1 Misc
A. W. Lee, Pres.....Clearfield, Pa
A. W. Lee, Jr., Sec. & Treas. "
W. B. Townsend, V.-Pres.....Townsend, Tenn
¶★✠M. C. Crosley, Aud. & Supt.....Clearfield, Ky
✪G. H. Gearhart, Gen. Mgr. "
C. P. Duley, G. F. & P. A. "

650—MORGAN-FENTRESS RY.
18 Mls, 2 Loco, Cars: 22 Frt
¶★W. V. Wilkey, V.-Pres. & Gen. Mgr.....} Harriman, Tenn.
H. W. Montague, Sec.....Boston, Mass
M. V. Wilkey, Aud.....Harriman, Tenn
H. Hagemeyer, Traf. Mgr. Cincinnati, O
✠I. Shadden, Supt.....Catoosa, Tenn

651—MORGAN'S LOUISIANA & TEXAS R. R. & S. S. CO.
416 Mls, 38 Loco, Cars: 3,672 Frt, 65 Pass, 274 Misc. (Equipment also included in So. Pac. Lines—La. Lines.)
Mileage included in So. Pac. Lines—La Lines.
Operated by So. Pac. Lines—La. Lines—No. 931.

652—MORRISSEY, FERNIE & MICHEL RY.
11 Mls, 5 Loco, Cars: 52 Frt, 6 Pass, 3 Misc
W. R. Wilson, Pres. & Gen. Mgr.....Fernie, B. C
A. H. McNeill, V.-Pres. Vancouver, B. C
✪J. S. Irvine, Sec.....Fernie, B. C
A. Klauer, Treas..... "
★S. T. Wilson, Supt..... "
¶M. Whitlaw, Pur. Agt..... "
H. P. Wilson, Ch. Eng..... "

652a—MORRISTOWN & ERIE R. R. CO.
11 Mls, 4 Loco, Cars: 32 Frt, 2 Pass
★R. W. McEwan, Pres. & Ch. Eng.....} Whippany, N. J.
A. McEwan, V.-Pres..... "
F. McEwan, V.-Pres..... "
R. B. McEwan, Jr., Sec..... "
¶R. B. McEwan, Treas. & G. P. A. "
M. Jensen, Aud..... "
C. A. Agar, G. F. A..... "

653—MOSCOW, CAMDEN & SAN AUGUSTINE R.R.
7 Mls, 1 Loco, Cars: 1 Pass
✪A. L. Carter, Pres.....} Camden, Tex.
¶★✠R. D. Randolph, V.-Pres. & Gen. Mgr.....} Tex.
J. A. Nelson, Jr., Sec. & Treas. "
E. H. Kurtzeman, Aud..... "
J. J. Carroll, Traf. Mgr..... "
S. F. Adams, Gen. Supt..... "

654—MOSHASSUCK VALLEY R. R. CO.
5 Mls, 3 Loco, Cars: 29 Frt
C. O. Read, Pres.....} Saylesville, R. I.
J. R. MacColl, V.-Pres..... "
D. Ditt, Sec. & Compt..... "
E. Harman, Treas..... "
¶★✠D. C. Paton, Gen. Supt. "

654a—MOTLEY COUNTY RY. CO.
8 Mls, 2 Loco, Cars: 3 Frt, 1 Pass
Dallas address, Western Indemnity Bldg.
A. B. Echols, Pres.....Matador, Tex
✪J. E. W. Thomas, Exec. V.-Pres., Aud. & Traf. Mgr.....} Dallas Tex.
L. A. Stearns, 1 V.-Pres.....} Matador, Tex.
C. D. Bird, 2 V.-Pres..... "
R. P. Moore, Sec. & Treas..... "
¶★✠§ J. E. Russell, Gen. Mgr.. "

655—MOUNTAIN CENTRAL RY.
13 Mls, 3 G, 2 Loco, Cars: 10 Frt, 2 Pass, 1 Misc
F. Day, Pres. & Gen. Mgr.....Natural Bridge, Ky

655a—MOUNT HOOD R. R. CO.
22 Mls, 1 Loco, Cars: 19 Frt, 2 Pass, 3 Misc
J. M. Eccles, Pres.....Ogden, Utah
W. A. Whitney, V.-Pres... "
J. A. West, Sec.....Logan, Utah
M. A. Romney, Treas. & Asst. Sec.....Ogden, Utah
J. W. Pentney, Aud.....Baker, Ore
L. D. Davis, G. F. & P. A..... "
★F. M. Shurtliff, Supt...Hood River, Ore
¶W. J. Eccles, Asst. Pur. Agt. Baker, Ore
E. E. Sibray, Ch. Eng..... "

656—MOUNT HOPE MINERAL R. R. CO. 4 Mls, 2 Loco, Cars: 1 Pass
C. H. Zehnder, Pres.....New York, N. Y
L. Peckitt, V.-Pres. ..... "
S. H. Bell, Sec.....Wharton, N. J
L. R. Dohm, Treas..... "
C. W. Carling, G. F. A.... "
¶★✠✪P. E. Stryker, Gen. Mgr. "

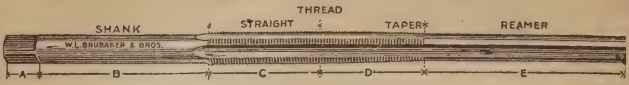
657—MOUNT JEWETT, KINZUA & RITERVILLE R. R. CO. KUSHEQUA R. R.
24 Mls, 2 Loco, Cars: 19 Frt, 5 Pass
✪E. K. Kane, Pres.....Kushequa, Pa
G. C. Burch, Sec..... "
Z. E. Kane, Treas..... "
M. E. Strang, Aud..... "
S. J. Moffatt, G. F. & P. A. "
¶★✠✪T. E. Moulton, Supt. "

657a—MT. TAMALPAIS & MUIR WOODS RY.
12 Mls, 4 Loco, Cars: 1 Frt, 28 Pass
¶✠✪H. Petrie, Pres. & Gen. Mgr.....Mill Valley, Cal
W. Kent, Jr., V.-Pres.... "
W. A. Cannons, Sec. & Aud. "
T. T. Kent, Treas..... "
W. M. Sell, Jr.,} 712 Market St.,
G. P. A.....} San Francisco, Cal
W. J. Thomas, Supt. & M. M.....Mill Valley, Cal

658—MOUNT WASHINGTON RY.
Mileage and equipment included in B. & M. R. R.
Operated by B. & M. R. R., No. 97.

659—

660—MUNCIE & WESTERN R. R. CO.
4 Mls, Equipment owned—none
F. C. Ball, Pres.....Muncie, Ind
E. A. Ball, Sec..... "
M. L. Hageman, Treas..... "
¶★✪H. A. Clark, Gen. Mgr. "
G. A. Lancaster, Car Acct. "



W. L. Brubaker & Bros. Company

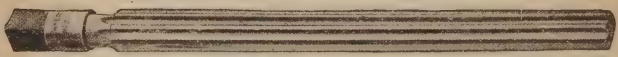
MANUFACTURERS OF

TAPS, DIES & REAMERS

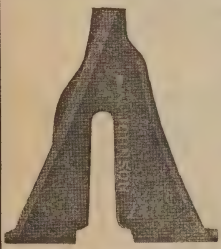
Common Sense Screw-Plate, Etc.

Factory: MILLERSBURG, PA.

New York Office -:- 50 Church Street



JOHNSON CAR REPLACERS



In general use by

Standard

and

Logging
Railroads
Mines and
Contractors

Type Z left hand — Type Z right hand

Type	Range	T rail	Capacity	Throat opening	Wgt. ea.
M	for rail 12—45 lbs.	if not over 3½ ins.	high 20 Ton Locomotive	2 ins.	30
C	" up to 65 " " " "	4½ " "	30 " "	2½ "	60
B	" " 80 " " " "	5 " "	50 " "	3¼ "	110
A	" " 100 " " " "	5½ " "	80 " "	3½ "	145
Z	" " 100 " " " "	6 " "	100 " "	3½ "	165
AA	" " 100 " " " "	6 " "	200 " Wreck Outfit	3½ "	275

THE JOHNSON WRECKING FROG CO.

1010 ULMER BUILDING -:- -:- CLEVELAND OHIO

61—MUNCIE BELT RY. CO., THE
3 Mls, 1 Loco; Cars owned—none.
For officials see C.C.C.&St.L.Ry., No.229.

61a—MUNISING, MARQUETTE & SOUTHEASTERN RY. CO.
See Lake Superior & I. R.R., No. 507.

61b—MURFREESBORO-NASHVILLE SOUTHWESTERN RY. CO.
35 Mls, 2 Loco, Cars: 12 Frt, 3 Pass, 1 Misc
M. W. Greeson, Pres. & Gen. Mgr .....Prescott, Ark
★J. R. Cox, V.-Pres..... } Nashville,
M. Walsh, V.-Pres. & Traf. Mgr ..... } Ark.
L. Cox, V.-Pres..... "
A. F. Auer, Sec. & Gen. Atty. "
C.D.McSwain,Treas..Murfreesboro,Ark
H.P.Halley,Aud.&G.F.A. "
G. W. Welcher, Supt....Nashville, Ark
G. W. Jones, Ch. Eng..... "

62—MUSCATINE, BURLINGTON & SOUTHERN R. R. CO.
See Burlington, M.& No.-W.Ry., No.124a.

62a—MUSCLE SHOALS, BIRMINGHAM & PENSACOLA R. R. CO., THE
143 Mls, 4 Loco, Cars: 9 Frt
For officials see St. L.-S.F.Ry.Co., No.847

62b—MUSKEGON RY. & NAVIGATION CO. 10 Mls, 1 Loco, Cars owned—none
Muskegon address, 712 Union Bank.
W. S. Syrett, Pres. & Gen.Mgr.....Muskegon, Mich
C. H. Williams, V.-Pres. & Treas..... "
✠L. D. McArthur, Supt.. "

63—NACOGDOCHES & SOUTHEASTERN R. R. CO., THE
28 Mls, 2 Loco, Cars: 4 Frt, 2 Pass
E. A. Frost, Pres.....Shreveport, La
S. W. Blount, V.-Pres.Nacogdoches,Tex
C. W. Nelson, V.-Pres.....St. Louis, Mo
C. G. Gribble, Sec. & Treas..... } Nacogdoches, Tex.
S.H.Dowell, Asst.Sec.& Asst. Treas.....Shreveport, La
★✠H. W. Whited,Gen. Mgr. ..... } Nacogdoches, Tex.
F.L.Williams, Aud.,Traf. Mgr. & Supt..... "

64—NACOZARI R. R.
77 Mls, 6 Loco, Cars: 114 Frt, 5 Pass, 1 Misc
New York address, 165 Broadway.
San Francisco address, 65 Market St.
B. A. McAllaster, Pres. } San Francisco,
G. L. King, V.-Pres. & Sec ..... } Cal.
G. W. Mulks, Cont.....New York, N. Y
G. M. Thornton, Treas..... "
C. M. Scott, Asst. Treas..... } San Fran-
T. O. Edwards, Gen. Aud... } cisco, Cal
F. L. McCaffery, Aud..... "
N. O. Rucker, Asst. Aud..Douglas, Ariz
G. P. Windsor, Supt..... } Nacozari, Sonora, Mex
W. McLean, M. M..... "
G. W. Boschke, Ch. Eng.....San Francisco, Cal

665—NAPIERVILLE JUNCTION RY. CO. 27 Mls, 1 Loco, Cars: 1 Pass
For officials see Q., M. & S. Ry., No. 799.

665a—NARRAGANSETT PIER R.R.
8 Mls, 1 Loco, Cars: 9 Misc
✪R. Hazard, Pres.....Peace Dale, R.I
T. G. Hazard, Jr., V.-Pres.....Narragansett, R. I
✪J. A. Monahan, Sec. & Asst. Treas.....Wakefield, R. I
R. R. Robinson, Treas... "
N.W.Smith, Gen.Coun.Providence, R.I
¶★✠A. Ross, Supt..... Wakefield, R.I

665b—NASHVILLE & ATLANTIC R. R. CO. 11 Mls, 1 Loco, 8 Frt, 1 Pass
Nashville address, 901 Stahlman Bldg.
H. E. Colton, Pres..... } Nashville,
B.R.Anderson,Sec.& Treas. } Tenn.
O. G. Hollinger, Aud., G. F. & P. A. & Frt. Clm. Agt..... "
¶R. C. Davis, Supt..... } Campaign
✠E. C. Brock, Supt. Equip.. } Tenn.

666—NASHVILLE, CHATTANOOGA & ST. LOUIS RY., THE
1,259 Mls, 269 Loco, Cars: 9,006 Frt, 245 Pass, 883 Misc
Nashville address, 930 Broadway.

EXECUTIVE, FINANCIAL AND LEGAL.
J. B. Hill, Pres..... } Nashville,
L.E.McKeand, Asst.to Pres. & Treas..... } Tenn.
H. F. Smith, V.-Pres. & Traf. Mgr..... "
W. P. Bruce, V.-Pres. & Gen. Mgr..... "
F. Hall, V.-Pres. & Gen.Coun. "
T. A. Clarkson, Sec..... "
M. C. Loftin, Act. Asst. Sec., Asst. Treas. & Transfer Agt. "
F. Slemons, Asst. Gen. Coun. "
J. A. Richards, Frt. Clm. Agt. "

ACCOUNTING.
A. P. Ottarson, Compt..... } Nashville,
H. G. Maney, Asst. Compt.. } Tenn.
A. G. Miller, Aud. Disb..... "
T. Bond, Asst. Aud. Disb..... "
R. W. Smith, Aud. Rec..... "
W.P.Kerrigan, Asst.Aud.Rec. "

TRAFFIC.
H. F.Smith, V.-Pres. & Traf. Mgr..... } Nashville, Tenn.
G. F. Regan, Asst. to V.-Pres. & Traf. Mgr..... "
W. L. Nichol, G. F. A..... "

ASST. GENERAL FREIGHT AGENTS.
J. C. Kirk.....Nashville, Tenn
J. A. Sams.....Atlanta, Ga
G. W. Sloan.....Nashville, Tenn
W. H. Wharton..... "
W.I.Lightfoot, G. P. A..Nashville, Tenn
J. F. Gaffney, Jr., Asst. Gen. Pass. Agt..... "

OPERATING.
W. P. Bruce, V.-Pres. & Gen. Mgr.....Nashville, Tenn
R. L. Schmid, Asst. to Gen. Mgr..... "

THE HANNA STOKER

FIVE REASONS WHY THE HANNA STOKER SAVES COAL:

1—The Hanna Stoker forces the fine particles of coal to the fire and thus prevents them from passing to the flues unburned.

2—The Hanna Stoker duplicates smokeless hand cross-firing, which means perfect combustion.

3—The Hanna Stoker covers an entire division without opening the fire door, permitting a more uniform fire box temperature to be maintained.

4—The Hanna Stoker burns out clinker formations, which prevents engine failures and saves coal.

5—The Hanna Stoker does not permit coal to fall to right-of-way between engine and tender.

Three Thousand Miles Without Opening the Fire Door

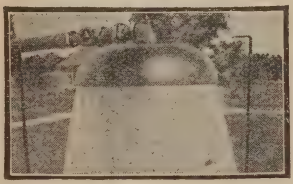
THE HANNA STOKER COMPANY

MADISONVILLE, CINCINNATI, OHIO

HOW MANY PUMPERS

ON YOUR DIVISION?

How many days per month do they work to keep up your water service?



How many orders a year does your dispatcher send to trainmen—"Water Station 123 out of order; take from No. 127"?

SULLIVAN AIR LIFT

is trouble free; and secures maximum output from your wells at all times.

There are no moving parts in the well. Remote control and automatic stop and start systems are available, reducing labor almost to Zero.

Railway Bulletin No, 27129 at request

Sullivan Machinery Company

140 So. Michigan Ave., Chicago

666—NASHVILLE, CHATTANOOGA & ST.LOUIS—Con

SUPERINTENDENTS.

E. A. Hibbett.....Atlanta, Ga
G. D. Hicks .....Tullahoma, Tenn
W. J. Hills.....Paducah, Ky
F. W. Kelsey.....Chattanooga, Tenn
W. G. Templeton.....Nashville, Tenn
L. G. Waldrop (Term.).. "

ASSISTANT SUPERINTENDENTS.

A. T. Hamilton (Term)..Nashville, Tenn
W. J. McWhorter.. { Hollow Rock Jct., Tenn., P. O. Junction City.
J. W. Tucker.....Chattanooga, Tenn

E. M. Wrenne, Supt. Trans. { Nashville,
J. T. Maney, Car Acct..... { Tenn.
F. Whittemore, Supt. Safety. "
G. L. Maynes, Mgr. Din. Cars. "
Dr. Duncan Eve, Ch. Surg... "

PURCHASING.

¶ J. L. Woods, Pur. Agt..... { Nashville,
J. G. Breene, Str. Kpr..... { Tenn.
C. M. McDaniel, Tie & Timber Agt. "

MECHANICAL.

J. J. Sullivan, Supt. Mch'y Nashville, Tenn
C. M. Darden, Mech. Eng. "

MASTER MECHANICS.

J. A. Kerrigan.....Nashville, Tenn
A. J. Law.....Chattanooga, Tenn
L. H. McDaniel. { Hollow Rock Jct., Tenn P. O. Junction City
M. S. Ransom.....Atlanta, Ga

W. J. Porter, Ch. Trav. Eng. { Nashville,
J. Austin, Trav. Eng..... { Tenn.
J. Fahey, Trav. Eng..... "
J. E. Gilmore, Trav. Eng.... "
G. T. Dunn, Gen. For. Car Dept. "
F. von Bergen, Ch. Air Brk.. Insp..... "
F. W. Rowen, Ch. Elec..... "
K. J. Johnson, For. Paint... "

ENGINEERING, BRIDGES & ROADWAY

H. McDonald, Ch. Eng..... { Nashville,
G. F. Blackie, Asst. Ch. Eng. { Tenn.

DIVISION ENGINEERS.

J. P. Anderson.....Atlanta, Ga
C. H. Brodbeck.....Paducah, Ky
J. L. Fergus.....Chattanooga, Tenn
R. H. McArthur.....Tullahoma, Tenn
J. M. Ryan.....Nashville, Tenn

BRIDGE & BUILDING SUPERVISORS.

N. M. Brown.....Tullahoma, Tenn
T. Finney.....Chattanooga, Tenn
J. W. Hooper.....Marietta, Ga
D. Joslin.....Dickson, Tenn
J. D. Shaver.....Jackson, Tenn

TRACK SUPERVISORS.

J. R. Conger.....Lexington, Tenn
P. E. Cunningham.....McKenzie, Tenn
R. A. Easley.....Fayetteville, Tenn
J. T. Mahoney.....Murfreesboro, Tenn
M. A. Nelson.....Dickson, Tenn
J. H. Nevils.....Bridgeport, Ala
L. W. Oliphant.....Marietta, Ga
H. G. Ritchey.....Dalton, Ga
S. L. Shelton.....Somerville, Tenn
L. W. Stewart.....Stevenson, Ala
N. O. Stone.....Sparta, Tenn

SIGNAL DEPARTMENT.

G. S. Pflasterer, Sig. Eng .. { Nashville,
J. H. Schubert, Gen. Sig. Insp. { Tenn.
H. E. Smith, Sig. Supvr..... "

667—NATCHEZ & SOUTHERN RY. CO.

3 Mls, 1 Loco

St. Louis address, Ry. Exch. Bldg.

E. G. Merriam, Pres.....St. Louis, Mo
O. O. Ogden, V.-Pres. & Gen. Mgr.....Natchez, Miss
L. R. Martin, Asst. Sec. & Asst. Treas..... "

For other officials see Mo. P. R.R., No. 629

668—NATCHEZ, COLUMBIA & MOBILE R. R. CO.

30 Mls, 5 Loco, Cars: 110 Frt, 1 Pass, 10 Misc

✪ W. H. Marshall, Pres... Rock Island, Ill
H. J. Richardson, V.-Pres. & Treas.. { Mer. Nat. Bk. Bldg., St. Paul, Minn.
J. H. Hauberg, Treas.. Rock Island, Ill
T. A. Sowell, Aud.....Hammond, La
T. Brady, Jr., Gen. Coun.....Brookhaven, Miss
F. W. Reimers, Gen. Mgr..Hammond, La
C. L. Freiler, Gen. Supt...Norfield, Miss
H. S. Frazier, G. F. & P. A. "
¶ F. L. Pantall, Pur. Agt....Hammond, La
J. A. Box, M. M.... .....Norfield, Miss
S. D. Moak, Rd. Mast..... "

669—NATCHEZ, URANIA & RUSTON RY CO., THE

7 Mls, 1 Loco, Cars; 26 Frt, 1 Misc

¶ ★✠ H. E. Hardtner, Pres. & Gen. Mgr.....Urania, La
E. J. Hardtner, V.-Pres..... "
Q. T. Hardtner, Sec., Treas. & G. F. A..... "
E. Blevins, Aud..... "
W. C. Procter, Asst. G. F. A. "

670—NATIONAL RYS. OF MEXICO.

(Ferrocarriles Nacionales de Mexico.)

Interoceanic Ry. of Mexico, Ltd.
Mexican Southern Ry.
Oaxaca & Ejutla Ry.
Tehuantepec National Ry.
Veracruz to Alvarado Ry.

1,685 Mls, 3 G, 203 Loco, Cars: 2,927 Frt, 159 Pass, 26 Misc

6,631 Mls, 4.8½ G, 591 Loco, Cars: 9,135 Frt, 364 Pass

New York address, 225 W. 34th St.

EXECUTIVE, FINANCIAL AND LEGAL.

B. E. Holloway, Exec. Pres... { Mexico,
M. Cabrera, V.-Pres. & Gen. Mgr { D. F.
E. E. Bashford, V.-Pres. & Asst. Treas.....New York, N.Y
J. R. Platt, Gen. Treas.....Mexico, D. F
M. G. Pana, Gen. Cashr.... "
F. G. Roa, Gen. Coun..... "

ACCOUNTING.

I. J. Terroba, Gen. Aud..... { Mexico,
J. Zertuche, Aud. Disb..... { D. F.
J. R. Gamez, Aud. Pass. Rec.... "
M. M. Santoyo, Aud. Frt. Rec... "
J. R. Ortiz, Aud. Agts. & Conductor's Accts..... "
T. A. Saenz, Aud. Matl. Accts... "
D. S. de la Vega, Aud. Express. "
P. Dominguez, Frt. Clm. Agt.... "

National Boiler Washing Co.
OF ILLINOIS

NATIONAL HOT WATER LOCOMOTIVE WASHOUT AND FILLING SYSTEM

LEADIZED PIPE

National Heating Systems

General Pipe Work for Steam, Air and Water Heating

Power Plants Piped Complete

Coaling Stations Drop Pits Post Cranes

CELFOR

High Speed **Twisted** Drills and Reamers are unexcelled for strength and cutting qualities. Celfor Tools are forged and twisted—not milled from the solid. ... ...

Ask for Catalog 16

CLARK EQUIPMENT COMPANY

BUCHANAN - - - - - MICHIGAN

670—NATIONAL RYS. OF MEXICO—Continued.

TRAFFIC.

J. D. Noriega, Traf. Mgr....Mexico, D.F
J. M. Cardenas, Ch. Asst. Pass. Traf. Mgr..... "
L. Valdes, Ch. Asst. Frt. Traf. Mgr..... "

GENERAL AGENTS.

G. B. Aleman.....St. Louis, Mo
F. P. de Hoyos.....New York, N.Y
F. N. Puente.....San Francisco, Cal

FREIGHT AGENTS—UNITED STATES-MEXICAN BORDER.

E. de la Torre....C. Juarez, Chih., Mex
E. E. Munoz..Matamoros, Tamps. Mex
F. F. Solis..Nuevo Laredo, Tamps. Mex
C. G. Garcia..... { Piedras Negras, Coah., Mex.

E. Cabral, Frt. Agt. Pacific Ocean Ports....Manzanillo, Col., Mex

FREIGHT AGENTS—GULF OF MEXICO PORTS.

R. A. Garza.....Tampico, Tams., Mex
M. Hernandez.....Veracruz, Ver., Mex

OPERATING.

M. Cabrera, V.-Pres. & Gen. Mgr.....Mexico, D.F
C. Salazar, Supt. Car Serv.. "
B. E. Arias, Supt. Tele. & Elec. Dept..... "

DIVISION SUPERINTENDENTS.

D. S. Alonso (Term.).....Mexico, D.F
P. S. Alvarez..Tierra Blanca, Ver., Mex
A. M. Bribiesca..... { San Luis Potosi, S. L. P., Mex.
S. Cantu.....Monterrey, N. L., Mex
J. S. de Echagaray.....Peralvillo, D. F
A. Galvan.....Monterrey, N. L., Mex
J. C. Garcia.....Torreon, Coah., Mex
P. M. Hernandez..... { Aguascalientes, Ags., Mex.
P. E. Martinez...Tampico, Tamps., Mex
M. S. Mayagoitia..Durango, Dgo., Mex
J. Mejia.....Chihuahua, Chih., Mex
A. R. Mendoza (Term.) Jalapa, Ver., Mex
R. Mora.....Oaxaca, Oax., Mex
M. G. Navarro.....Acambaro, Gto., Mex
A. M. Palma.....Monclova, Coah., Mex
A. E. Plancarte...Cardenas, S.L.P., Mex
M. Ramirez.....Guadalajara, Jal., Mex

J. J. Franco, Gen. Supt. Trans. { Mexico, D. F
F. J. Campos L., Ch. Surgeon
J. G. Estrada, Supt. Exp. Dept. "

DIVISION SUPERINTENDENTS OF EXPRESS.

F. M. Baez.....Torreon, Coah, Mex
J. Rivera.....Veracruz, Ver., Mex
J. P. Scanlan...San Lazaro, Mexico, D.F
F. Serrano.....Queretaro, Qro., Mex

PURCHASING.

J. I. Gomez, Gen. Pur. Agt. Mexico, D.F
C. G. Renoz, Asst. Gen. Pur. Agt..... "
A. Vazquez, Sta. Str. Kpr. { Buenavista,
E. H. Fajardo, Supt. Strs. { Mexico, D.F
J. M. Alaniz, Gen. Str. Kpr.....Nonoalco, Mexico, D.F

DIVISION STORE KEEPERS.

R. Aramburu G.....Puebla, Pue., Mex
M. Ayala G.....Monclova, Coah., Mex
M. E. Chavez....N. Laredo, Tamps, Mex

DIVISION STORE KEEPERS—CONT'D.

S. Correa.....Saltillo, Coah., Mex
A. Flores V.....Durango, Dgo., Mex
M. Guzman.....Monterrey, N. L., Mex
R. O. Luna.....Chihuahua, Chih., Mex
M. Morones..Aguascalientes, Ags., Mex
M. Pimentel, Piedras Negras, Coah., Mex
A. Ramiro.....Acambaro, Gto., Mex
C. Rivera.....Tierra Blanca, Ver., Mex
E. Rocas.....Jalapa, Ver., Mex
L. P. Romo.....Guadalajara, Jal., Mex
S. M. Ruiz...Dona Cecilia, Tamps, Mex
G. T. Saenz..San Luis Potosi, S.L.P., Mex
F. Torres.....Cardenas, S. L. P., Mex
C. B. Vargas.....Gomez. Palacio, Mex

MECHANICAL.

P. C. Morales, Supt. Machy. & M. P.....Mexico, D.F

ASSISTANTS TO SUPERINTENDENT OF MACHINERY AND MOTIVE POWER.

I. J. Anaya.....Buenavista, Mex
M. Castillo.....Monterrey, N. L., Mex
A. F. Otanez.....Puebla, Pue, Mex

J. Tavera, Mech. Eng.....Mexico, D. F

MASTER MECHANICS.

J. R. Acosta..... { San Luis Potosi, S. L. P., Mex
G. J. Alvarado...Guadalajara, Jal., Mex
A. Alvear.....Tierra Blanca, Ver., Mex
A. Amparan.....Monterrey, N.L., Mex
J. Cardoso.....Acambaro, Gto., Mex
A. Flores. San Lazaro, Mexico, D.F., Mex
V. Herrera.....Nonoalco, Mexico, D.F
J. G. M. Lopez..Gomez Palacio, Dgo., Mex
S. Martinez.....Chihuahua, Chi., Mex
B. Rodriguez....Cardenas, S. L. P., Mex
R. Rodriguez.....Puebla, Pueb., Mex
S. E. Rodriguez.....Jalapa, Ver., Mex
A. C. Ruiz..Rincon Antonio, Oax., Mex
M. Sandoval..Dona Cecilia, Tamps., Mex
J. O. Trujillo.....P. Negras, Mex
H. Venegas.....Peralvillo, Mexico, D.F

M. Ramos, Supt. Shops { Aguascalientes, Aguas., Mex

ENGINEERING, BRIDGES & ROADWAY

S. M. Arcocha, Ch. Eng. M. W. Mexico, D.F
A. del Paso, Asst. to Ch. Eng. "
E. Villegas, Asst. to Ch. Eng. "
A. Chavez, M. W. Eng..... "
C. Fonserrada y B., Ch. Eng. Const..... "
E. R. y Parra, Const. Eng. "
C. Piccone, Brdg. Eng.....Colonia, D. F
A. Montoya, Bldg. Eng..... "

DIVISION ENGINEERS.

A. C. Acosta..... { San Luis Potosi, S. L. P., Mex.
M. S. Arce.....Chihuahua, Chih., Mex
J. M. Benitez.....Buenavista, D. F., Mex
J. G. Blackaller..Monclova, Coah., Mex
E. Carrion.....Torreon, Coah., Mex
M. Ceballos.....Buenavista, D. F
R. L. de Larrea..Cardenas, S. L. P., Mex
F. Escarcega.....Durango, Dgo., Mex
V. Espinoza.....Tampico, Tamps., Mex
J. G. Jaurequi.....Jalapa, Ver., Mex
P. E. Jaurequi..... { Aguascalientes, Aguas., Mex.
R. Laimon.....Peralvillo, D. F., Mex

Valves *and* Steel Fittings
for all railroading requirements

IRON valves and cocks, bronze valves, steel valves and fittings for railroad use. Made to the highest standards. Write for catalog.

READING STEEL CASTING COMPANY, Inc.
An Associate Company of the American Chain Company, Inc.
BRIDGEPORT, CONN.
Offices and Warehouses in Principal Cities

READING
for steel

PRATT & CADY
for iron and bronze

670—NATIONAL RYS. OF MEXICO—Cont'd.

DIVISION ENGINEERS—CONTINUED.

M. A. Loyo..Rodriguez Clara.Ver.,Mex
P. Luna.....Puebla, Pueb., Mex
J. Montanez.....Acambaro, Gto., Mex
S. Orendain.....Guadalajara, Jal., Mex
L. G. Pastor.....Monterrey, N. L., Mex
Z. R. Reyes..... "
L. Reyna.....Tierra Blanca, Ver., Mex
O. Rodriguez y Parra. } Oaxaca, Oax., Mex.
I. Romo .....Tonala, Chis., Mex

ROAD MASTERS.

F. Aguilar....Aguascalientes, Ags. Mex
F. Aguilera.....Chihuahua, Chih., Mex
J. M. Arellano.....Oaxaca, Oax., Mex
E. Castro.....Tonala, Chis., Mex
A. Cervantes...Guadalajara, Jal., Mex
R. A. Chanes.... "
P. Espinosa.....Acambaro, Gto., Mex
L. Eufracio.....Monterrey, N. L., Mex
L. Garcia..... Torreon, Coah., Mex
M. S. Gonzales.....Jalapa, Ver., Mex
F. Hernandez.....Peralvillo, Mex
J. M. Hernandez...Monclova Coah, Mex
A. Juarez.....Buenavista, D. F
O. H. Mosqueda....Durango, Dgo., Mex
P. B. Mosqueda.....Buenavista, D. F
P. Navarro ....Tierra Blanca, Ver., Mex
C. Perez .....Puebla, Pueb., Mex
F. O. Ramos.....Buenavista, D. F
A. Rodriguez....Cardenas, S. L. P., Mex
G. Ruiz.....Monterrey, N. L., Mex
A. Torrescano ..... } San Luis Potosi, S. L. P., Mex.
F. Vargas.....Tampico, Tamps., Mex

671—NEAME, CARSON & SOUTHERN R. R. CO.

31 Mls, 3 Loco, Cars: 148 Frt, 14 Misc

Kansas City address, Keith & Perry Bldg

C. S. Keith, Pres..... } Kansas City, Mo.
¶★✪J. A. Sargent, V.-Pres. & Gen. Mgr..... "
F. Schopflin, V.-Pres..... "
J. E. Broughal, Sec. & Treas.. "
A. B. Ewing, Gen. Aud. & Asst. Treas..... "
M. Holmes, Gen. Coun..... "
J. A. Black, Land & Tax Comr ..... "
E. C. Ferguson, Traf. Mgr. "
P. H. Allen, Supt.....Carson, La
I. W. Farmer, Ch. Eng..Kansas City, Mo

672—NELSON & ALBEMARLE RY. CO.

17 Mls, 3 Loco, Cars: 4 Pass, 3 Misc

New York address, 223 East 23d St.

W. W. Hepburn, Pres..New York, N. Y
N. M. Seabrease, Sec. & Treas.....Philadelphia, Pa
S. D. Montgomery, Aud. New York, N.Y
¶★✝✪A. H. Lloyd, Gen. Mgr. Schuyler, Va

673—NEVADA-CALIFORNIA-OREGON RY. 156 Mls, 3 G, 12 Loco, Cars: 236 Frt, 17 Pass (includ. 2 Motors), 45 Misc

New York address, 68 William St.

C. Moran, Pres.....New York, N. Y
¶✪S. H. McCartney, V.-Pres. & Gen. Mgr.....Alturas, Cal
M. Miller, Sec. & Asst. Treas. "
R. Rosa, Treas. & Asst. Sec. New York, N.Y
T. T. Wells, Compt..... "
J. Glynn, Gen. Atty.....Reno, Nev
J. H. Mahan, Traf. Mgr.....Alturas, Cal
W. F. Goldsberry, Supt..... "
Dr. J. Stile, Ch. Surg..... "
§ E. F. Smith, M. M..... "
W. T. Gould, Ch. Eng..... "
H. E. Gasaway, Rd. Mast.. "

674—NEVADA CENTRAL R. R.

93 Mls, 3 G, 4 Loco, 3 Motors, Cars: 53 Frt, 3 Pass, 2 Misc

New York address, 100 William St.

J. G. Phelps Stokes, Pres. New York, N.Y
J. W. McCulloch, V.-Pres. "
¶✪J. M. Hiskey, Gen. Mgr., Sec., Treas. & Aud.....Austin, Nev
J. D. Norris, M. M. Battle Mountain, Nev
J. W. Treat, Rd. Mast.....Austin, Nev

674a—NEVADA COPPER BELT R. R. CO. 42 Mls, 2 Loco, Cars: 9 Frt, 2 Pass

Receiver appointed April 3, 1925.

J. I. Wilson, Recr.....Yerington, Nev
G. F. Willis, Asst. Sec. & Treas..... "
R. D. Bolt, Aud.....Ludwig, Nev
¶✝✪P. H. Cook, Gen. Mgr. & Pur. Agt.....Mason, Nev
T. H. Lever, M. M..... "

675—NEVADA COUNTY NARROW GAUGE R. R. CO.

22 Mls, 3 G, 3 Loco, Cars: 68 Frt, 8 Pass, 1 Misc

San Francisco address, 582 Market St.

✝✪H. A. Mitchell, Pres. & Gen. Mgr..... } San Francisco, Cal
J. I. Walter, V.-Pres..... "
W. Arnstein, V.-Pres..... "
¶H. J. Sutherland, Sec., Treas. & Pur. Agt..... "
S. P. Westington, Aud. Disb.. "
T. Kearns, Aud. Frt. & Pass. Accts..... "
H. C. Phillips, Supt. & Traf. } Grass Valley, Cal
Mgr..... "
§ M. McCormack, M. M..... "

675a—NEVADA NORTHERN RY. CO.

165 Mls, 8 Loco, Cars: 33 Frt, 17 Pass

New York address, 25 Broad St.

San Francisco address, Hobart Bldg.

S. R. Guggenheim, Pres. New York, N.Y
C. Hayden, V.-Pres..... "
J. K. MacGowan, V.-Pres. "
D. C. Jackling, 1 V.-Pres.....San Francisco, Cal
✪G. L. Hickey, Gen. Mgr.. East Ely, Nev
C. V. Jenkins, Sec. & Treas. New York, N.Y
F. Roper, Aud. & Frt. Clm. Agt .....East Ely, Nev
H. B. Tooker, Traf. Mgr. .....San Francisco, Cal
H. R. Ames, Asst. G. F. & P. A. } East Ely, Nev.
T. J. Duddleson, Supt..... "
Dr. R. A. Bowdle, Ch. Surg... "
¶A. J. Maclean, Gen. Pur. Agt.....San Francisco, Cal
H. A. Davidson, Str. Kpr. East Ely, Nev
§ E. E. Jarrett, M. M..... "
J. C. Bell, Ch. Eng. ..... "

TI KI

THE EMBLEM OF SUPERIORITY

THIS TRADE-MARK ON A PACKAGE OF

PAINT, ENAMEL
COLOR OR VARNISH

IS OUR ASSURANCE OF THE QUALITY
OF ITS CONTENTS

ACME WHITE LEAD & COLOR WORKS

Detroit Michigan

PAINTS ENAMELS THE ACME QUALITY KING STAINS VARNISHES

HASCO METHOD

TELL-TALES
ON
Bridge and Tunnel
Warnings

Can now be taken down and replaced by one man from the ground.

No more tangling or bending.

No more need of sending a crew of 3 or 4 men over your road with a long ladder.

We can eliminate your entire labor costs and make your bridge and tunnel warnings 100% efficient.

SAFETY—ECONOMY
Efficiency—Standardization

Write for full information regarding
HASCO TELL-TALE HANGERS
and REPLACERS and TELL-TALES

HASTINGS SIGNAL & EQUIPMENT CO.
53 State Street, Boston, Mass.
New York Chicago Nashville Denver St. Paul San Francisco

676—NEWAUKUM VALLEY R. R.
11 Mls, 2 Loco, Cars: 9 Frt, 1 Pass
¶✪W. A. Carlisle, Pres. & Gen. Mgr. } Onalaska, Wash.
F. B. Carlisle, V.-Pres. " "
K. L. Carlisle, V.-Pres. & Treas. "
J. E. Stout, Sec. & Aud. "
B. W. Griffiths, G. F. & P. A. "
★O. O. Ort, Supt. & Ch. Eng. "
Dr. P. Sweet, Ch. Surg. Centralia, Wash

676a—NEW BRUNSW'K COAL & RY. CO. FREDERICTON & GRAND LAKE COAL & RY. CO.
104 Mls, Cars: 15 Frt, 1 Pass, 1 Misc
A. D. MacTier, Pres. Montreal, Que
I. G. Ogden, V.-Pres. "
H. C. Oswald, Sec. "
¶✪V. A. Harshaw, Mgr. } Fredericton, N. B.
H. E. Fowler, Acct. "
W. J. Pickrell, M. M. McAdam, N. B
M. W. McGee, Rd. Mast. Fredericton, N. B

677—NEWBURGH & SO. SHORE RY.
82 Mls, 32 Loco, Cars: 1,048 Frt, 1 Pass, 8 Misc
Cleveland address, Rockefeller Bldg
W. Thompson, Pres. Cleveland, O
C. A. Gallagher, V.-Pres. } Newburgh, O
& Gen. Supt. } P.O. Cleveland
J. A. Coakley, V.-Pres. & G. F. A. "
J. B. Cavanagh, Sec. & Asst. Treas. Cleveland, O
G. J. Gazeley, Treas. & Asst. Sec. "
A. H. Garry, Aud. "
F. A. Gideon, Asst. Gen. Supt. } 8143 Broadway, Cleveland, O.
¶G. C. Noteman, Pur. Agt. Cleveland, O
§ C. H. Whitney, M. M. } Newburgh, O
R. Klinefeld, For. Car Rep. } P.O. Cleveland
H. L. Schuler, Ch. Eng. "
R. E. Butler, Eng. M. W. "

677a—NEWFOUNDLAND GOVERNMENT RY.
1,096 Mls, 41 Loco, Cars: 851 Frt, 56 Pass, 3 Misc
H. J. Russell Gen. Mgr. St. Johns, N. F
T. J. Rolls, G. F. A. "
F. E. Pittman, G. P. A. "
J. A. Titford, Asst. G. P. A. "
G. Cobb, Supt. Bishops Falls, N. F
M. A. White, Supt. St. Johns, N. F
¶W. J. Kent, Pur. Agt. "
E. Duder, Supt. M. P. "
W. F. Joyce, Ch. Eng. M. W. "

678—NEW HAVEN & DUNBAR R. R.
14 Mls, 7 Loco, Cars: 70 Frt
Philadelphia address, 131-133 South 4th St.
A. G. Dickson, Pres. } Philadelphia, Pa.
J. W. Purner, V.-Pres. }
W. E. Arnold, Sec. & Treas. } 325 Chestnut St., Philadelphia, Pa
O. E. Santmyer, Aud. Dunbar, Pa.
R. M. Marshall, Gen. Mgr. "
¶R. Palmer, Pur. Agt. "
H. F. Shaffer, M. M. "
J. C. De Ore, Track For. "

679—†NEW IBERIA & NORTHERN R. R. CO. *See Gulf Coast Lines, No. 394a.*

680—NEW JERSEY & NEW YORK R. R.
38 Mls, 1 Loco, Cars: 6 Frt, 22 Pass, 6 Misc
For officials see Erie R. R., No. 322.

681—NEW JERSEY, INDIANA & ILLINOIS R. R. CO.
15 Mls, 4 Loco, Cars: 356 Frt, 1 Pass
South Bend address, Bean Bldg.
¶✪T. A. Hynes, Pres. So. Bend, Ind
J. C. Otteson, Sec. & } 120 Broadway, New York, N. Y
H. C. Weppler, Aud. & Asst. Sec. So. Bend, Ind
H. J. Jackson, Asst. Treas. & G. F. & P. A. "
N. A. Brown, Gen. Solr. St. Louis, Mo
M. M. Eidson, Gen. Car Acct. "
✠§W. Dennis, Supt. } 1508 W. Division St.
S. C. Stewart, M. M. } So. Bend, Ind.

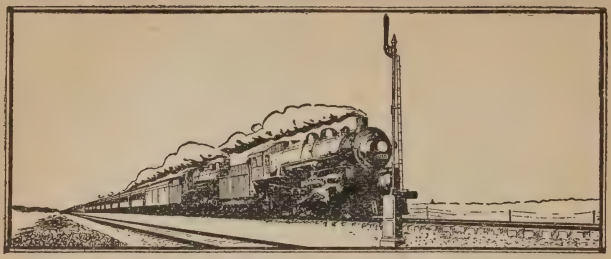
681a—NEW MEXICO CENTRAL RY. CO.
116 Mls, 6 Loco, Cars: 26 Frt, 4 Pass, 25 Misc
New York address, 42 Broadway.
S. C. Munoz, Pres. } New York, N. Y.
A. F. Mack, V.-Pres. }
✪R. C. Ten Eyck, V.-Pres. & Gen. Mgr. Santa Fe, N. M
W. M. Maule, Treas. New York, N. Y
F. A. Wagner, Sec. & Gen. Coun. "
¶T. C. Slaughter, Aud. Estancia, N. M
E. F. Coard, G. F. & P. A. Santa Fe, N. M
Dr. J. A. Massie, Ch. Surg. "
M. O. Gumfory, M. M. Estancia, N. M
✠W. S. Evans, Supt. Maint. Santa Fe, N. M

681b—NEW MEXICO MIDLAND RY.
10 Mls, 2 Loco, Cars: 3 Frt, 1 Misc
¶✪P. Stackhouse, Jr., Pres. San Antonio, N. M
C. B. Eddy, V.-Pres. New York, N. Y
★✠E. C. Brechtel, Sec., Treas. & Supt. } San Antonio, N. M.

682—NEW ORLEANS & LOWER COAST R. R.
60 Mls, 7 Loco, Cars: 145 Frt, 10 Pass
H. G. Dufour, Pres. New Orleans, La
W. D. Pratt, V.-Pres. Kansas City, Mo
A. C. Kammer, Sec. } New Orleans, La.
B. McCloskey, Treas. }
R. N. Davis, Aud. "
W. J. StoneBurner, V.-Pres. & Gen. Mgr. "
¶G. C. Emory, G. F. & P. A. "
§ W. N. Burmaster, M. M. "
P. Lutz, Car For. "
J. J. Kenny, Rd. Mast. "

——†NEW ORLEANS & NORTH EASTERN R. R. CO.
See So. Ry. System, No. 927.

683—NEW ORLEANS GT. NORTHERN R. R. CO.
275 Mls, 25 Loco, Cars: 1,582 Frt, 32 Pass, 61 Misc
Buffalo address, Marine Trust Bldg.
New Orleans address, 909 Whitney-Central Bldg.
W. P. Cooke, Ch. of Bd. & Gen. Coun. Buffalo, N. Y
A. C. Goodyear, Pres. "
F. H. Goodyear, V.-Pres. "



DESIGNERS, MANUFACTURERS, CONTRACTORS, AND ENGINEER CONSTRUCTORS OF EVERYTHING KNOWN TO THE ART OF RAILWAY SIGNALING AND INTERLOCKING FOR STEAM AND ELECTRIC RAILWAYS.

A corps of highly trained experts is at your service for the solution of any problem arising in the field of Railway Signaling and Automatic Train Control.

RAILROAD FORGINGS AND GENERAL CASTINGS

Union Switch & Signal Co.

SWISSVALE, PA.

DISTRICT OFFICES

NEW YORK CHICAGO ST. LOUIS SAN FRANCISCO

Represented in Australasia, Argentine and South Africa by the General Electric Company

683—NEW ORLEANS GT. NORTHERN—Cont'd.

H. H. Redfield, V.-Pres..Smethport, Pa
✪W. E. Harris, V.-Pres. & Gen. Mgr.....New Orleans, La
J. M. Gieger, Sec.....Buffalo, N. Y
G. M. Whitney, Asst. Sec. Harrisburg, Pa
C. W. Goodyear, Treas....Buffalo, N. Y
D. T. Cushing, Asst. Treas. Bogalusa, La
C. J. Wade, Aud., Car Acct. & Frt. Clm. Agt.. ..... "
E. R. Cassidy, Clm. Agt... "
M. J. McMahon, Traf. Mgr. } New Orleans,
G. B. Auburtin, Asst. G. } La.
F. & P. A..... "
W. T. Boardman, Asst. G. F. & P. A.. ..... "
F. Bachemin, Agrl. Agt... "
✠J. L. Gould, Supt.....Bogalusa, La
Dr. E. E. Lafferty, Ch. Surg. "
¶G. W. Grossner, Pur. Agt. New Orleans, La
F. M. Tarut, Str. Kpr.....Bogalusa, La
§ F. P. Peters, M. M..... "

684—

685—NEW ORLEANS, NATALBANY & NATCHEZ RY. CO.

29 Mls, 3 Loco, Cars: 155 Frt, 5 Pass, 16 Misc

F. C. Denkmann, Pres..Rock Island, Ill
T. B. Davis, V.-Pres..... "
M. A. Reimers, Treas.....Davenport, Ia
R. Stainback, Sec. & Compt } Hammond, La
T. A. Sowell, Aud..... } "
T. R. Thames, Clm. Agt..... "
C. H. Miller, Traf. Mgr..... "
✠F. W. Reimers, Gen. Mgr..... "
V. A. Stibolt, Asst. Gen. Mgr. "
✪L. R. Gulley, Gen. Supt...Natalbany, La
¶F. L. Pantall, Pur. Agt..Hammond, La
M. F. Crawford, M. M...Natalbany, La
J. R. Andrews, M. C. B... "

685a—NEW ORLEANS PUBLIC BELT R. R.

81 Mls, 16 Loco, Cars: 24 Frt

A. J. O'Keefe, Pres... } Municipal Bldg.,
J. H. Murphy, Act. Pres..... } New Orleans, La.
¶★F. H. Joubert, Sec., Treas. & Gen. Mgr..... "
A. F. Barclay, Eng. M. of W. & S... ..... "

685b—NEW ORLEANS TERMINAL CO.

20 Mls. Equipment owned—None.

C. P. Chambers, Supt..New Orleans, La

For other officials see So. Ry. Sys., No. 927

686—NEW ORLEANS, TEXAS & MEXICO RY. CO.

See Gulf Coast Lines, No. 394a.

687 to 690—

691—NEW YORK & LONG BRANCH R. R. 38 Mls. Equipment owned—none

G. O. Waterman, Aud... } Long Branch,
E. W. Packer, G. F. & P. A. } N. J.
L. W. Berry, Supt..... "
C. W. Van Nort, Supvr.... "
H. Copperthwaite, Supvr. Sig. "

For other officials see C. R. R. of N. J., No. 159.

692—N. Y. & PENNSYLVANIA RY. CO.

57 Mls, 4 Loco, Cars: 30 Frt, 2 Pass

T. W. Camp, Pres .....Canisteo, N. Y
J. R. Lavens, V.-Pres..... "
C. Cobb, Sec. & Treas.... "
¶★✠✪G. M. Beasor, Aud., Gen. Mgr. & G. F. & P. A. "

692x—NEW YORK CENTRAL LINES.

CORPORATIONS.

ROAD NO.

96—Boston & Albany R. R.
221—Cincinnati Northern R. R. Co.
229—Cleve., Cin., Chic. & St. Louis Ry. Co.
434—Indiana Harbor Belt R. R. Co.
600—Michigan Central R. R. Co.
693—New York Central R. R. Co.
735—Ottawa & New York Ry.
755a-Peoria & Eastern Ry. Co.
771—Pittsburgh & Lake Erie R. R. Co.
1043a-West Shore R. R.

693c—Ohio Central Lines:
—Kanawha & Michigan Ry. Co.
—Kanawha & W. Virginia Ry. Co.
—Toledo & Ohio Central Ry. Co.
—Zanesville & Western Ry. Co.

11,764 Mls, 6,142 Loco, Cars: 252,577 Frt, 4,796 Pass, 12,465 Misc.

Mileage and equipment also shown separately for each road.

System Officials.

New York—466 Lexington Ave.
Chicago—La Salle St. Station.

EXECUTIVE, FINANCIAL AND LEGAL.

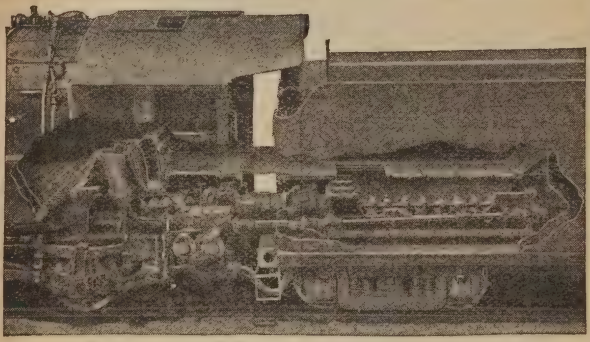
P. E. Crowley, Pres..... } New York,
H. L. Ingersoll, Asst. to Pres. } N. Y.
S. B. Wight, Asst. to Pres.... "
M. J. Alger, Exec. Asst. to Pres. "
A. H. Harris, V.-Pres. & Chman of Finance Comm.. "
G. A. Harwood, V.-Pres. (Improv. & Develop.)..... "
Ira A. Place, V.-Pres. (Law). "
F. J. Jerome, Asst. V.-Pres. (Law).....Cleveland, O
E. T. Glennon, Asst. V.-Pres. (Law).....Chicago, Ill
C. C. Paulding, Asst. V.-Pres. } New York,
C. R. Dugan, Asst. to V.-Pres. } N. Y.
J. K. Graves, Asst. to V.-Pres. "
G. H. Ingalls, V.-Pres. (Traffic). "
C. J. Brister, Asst. V.-Pres. (Traffic).....Chicago, Ill
J. G. Walber, V.-Pres ..... } New York,
J. R. Grant, Asst. to V.-Pres. } N. Y.
W. S. Baker, Asst. to V.-Pres. "
E. F. Stephenson, Sec.. ..... "
J. M. O'Mahoney, Asst. Sec.. "
R. J. Cary, Gen. Coun..... "
C. Brown, Gen. Solr..... "
F. V. Whiting, Gen. Clms. Atty. "
W. S. Kallman, Commerce Asst. "

VALUATION DEPARTMENT.

A. S. Lyman, Valua. Coun. } New York,
F. W. Stevens, Consult. } N. Y.
Valua. Coun..... "
G. W. Kittredge, Consult. Valua. Eng. ..... "

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

DUPONT-SIMPLEX TYPE "B" STOKER



The simplest locomotive Stoker. It has only 50 wearing parts, including the Stoker engine. DU PONT-SIMPLEX TYPE "B" STOKERS guarantee maximum locomotive capacity and maximum service, with minimum Stoker maintenance.

STANDARD STOKER COMPANY, Inc.

350 Madison Ave., New York, N. Y.
McCormick Bldg., Chicago, Ill. duPont Bldg., Wilmington, Del.
Foundries and Works, Erie, Pennsylvania

692x—NEW YORK CENTRAL LINES—Cont'd.

***System Officials**—Continued.*

VALUATION DEPARTMENT—CONTINUED.

J. H. Roach, Ch. Valua. Eng. ..... New York, N.Y.
J. H. Mitchell, Ch. Land Appr. ..... "
C. D. Clarke, Dist. Land Appr. ..... "
H. E. Woodburn, Dist. Land Appr. ..... "
F. E. Barnes, Bldg. Valua. Eng. ..... "
W. E. Ricketson, Equip. Valua. Eng. ..... "
A. W. Carpenter, Asst. Valua. Eng. ..... "
A. L. Cornish, Asst. Valua. Eng. ..... "
G. E. Beck, Sig. Valua. Eng. .. Cleveland, O

P. P. Hand, Pub. Mgr. .. New York, N. Y

ACCOUNTING.

H. G. Snelling, Gen. Treas. ..... New York, N. Y.
E. Freeman, Asst. Gen. Treas. ..... "
H. A. Stahl, Asst. Gen. Treas. ..... "
R. N. Harry, Asst. Gen. Treas. ..... "
W. C. Wishart, Compt. ..... "
L. V. Porter, Asst. Compt. ..... "
F. H. Meeder, Asst. Compt. ..... "

OPERATING.

G. Metzman, Transp. Asst. ..... New York, N. Y.
E. C. Keenan, Gen. Supt. Tele. & Telo. ..... "
J. R. Smart, Mgr. Din. Serv. .. Buffalo, N.Y
E. H. Anderson, Mgr. Agri. Rel. ..... Rochester, N. Y.
A. Rogers, Gen. Agt. Agri. Rel. ..... "
R. W. Rees, Hortl. Agt. Agri. Rel. ..... "

PURCHASING.

¶W. C. Bower, Mgr. Purchases & Stores. ..... New York, N.Y.
C. C. Dibble, Gen. Supvr. Strs. ..... Indianapolis, Ind
J. Mulder, Gen. Supvr. Lbr. & Tie Insp. ..... New York, N. Y

MECHANICAL.

F. H. Hardin, Asst. to Pres. ..... New York.
P. W. Kiefer, Ch. Eng. M. P. & R. S. ..... N. Y.
W. L. Lentz, Eng. M. P. ..... "
D. S. Ellis, Asst. Eng. M. P. ..... "
E. P. Moses, Eng. R. S. ..... "
W. Ernst, Asst. Eng. R. S. ..... "
H. W. Faus, Eng. Tests ..... "
E. L. Johnson, Asst. Eng. Tests. ..... "
H. E. Smith, Eng. Materials ..... "
E. O. Hornig, Equip. Asst. ..... "
C. C. Fletcher, Off. Asst. ..... "
W. B. Geiser, Ch. Chemist .. Collinwood, O
E. M. Paradis, Ch. Chemist ..... West Albany, N. Y.
H. L. Hamilton, Asst. Eng. Matl. Insp. ..... Collinwood, O
T. L. Burton, Air Brk. Eng. New York, N.Y
J. E. Ennis, Gen. Equip. Insp. (Loco.) ..... "

FUEL INSPECTORS.

M. Macfarlane (Gen.) .. New York, N. Y
J. C. Dougherty (Ch.) ..... Cleveland, O
O. B. Hamilton (Ch.) ..... Cincinnati, O
H. S. Balliet, Eng. Train Control ..... New York, N. Y

693—NEW YORK CENTRAL R. R. CO., THE

5,710 Mls, 3,352 Loco (including 73 Elec.), Cars: 122,760 Frt, 2,872 Pass, 8,312 Misc

Mileage also shown separately for Buffalo & East and West of Buffalo.

OHIO CENTRAL LINES.

799 Mls, 212 Loco, Cars: 11,764 Frt, 90 Pass, 585 Misc

(Mileage and equipment also included in N. Y. C. Lines, No. 692x.)

New York address, 466 Lexington Ave.
Chicago address, La Salle Station.
Cleveland address, St. Clair Ave. & West Third Street.

EXECUTIVE, FINANCIAL AND LEGAL.

(*For complete list see New York Central Lines, No. 692x.*)

Chauncey M. Depew, Chairman of the Board ..... New York, N. Y.
P. E. Crowley, Pres ..... "
R. D. Starbuck, V.-Pres. ..... "
T. W. Evans, Asst. V.-Pres. .. "
A. D. Dugan, Exec. Asst. to V.-Pres. ..... "
R. E. Dougherty, Eng. Asst. to V.-Pres. ..... "
A. S. Ingalls, Asst. V.-Pres. .. Cleveland, O
D. C. Moon, Asst. to V.-Pres. ..... "
E. L. Rossiter, Treas. ..... New York, N.Y
Louis Bender, Asst. Treas. ..... "
S. S. Bliss, Asst. Treas. ..... "
R. P. Ahrens, Asst. Treas. .. Cleveland, O
A. W. Elliman, Cashr. .. New York, N. Y
R. J. Cary, Gen. Coun. ..... "
A. S. Lyman, Gen. Atty. ..... "
B. Walker, Gen. Atty. ..... Chicago, Ill
S. C. Murray, Gen. Atty. ..... "
S. H. West, Gen. Atty. ..... Cleveland, O

GENERAL LAND & TAX AGENTS.

W. E. Talcott ..... New York, N. Y
L. C. James ..... Cleveland, O

VALUATION DEPARTMENT.

A. S. Lyman, Valua. Coun. ..... New York.
J. H. Roach, Ch. Valua. Eng. ..... N.Y.
J. H. Mitchell, Ch. Land Appr. ..... "
G. E. Beck, Sig. Valua. Eng. .. Cleveland, O
E. B. Menuez, Valua. Eng. ..... New York, N. Y
J. C. Powell, Valua. Eng. .. Cleveland, O

ACCOUNTING.

G. M. Glazier, Gen. Aud. ..... New York.
R. H. Sage, Asst. Gen. Aud. ..... N. Y.
J. B. Wagner, Asst. to Gen. Aud. ..... "

AUDITORS.

F. E. Briggs (Coal & Coke Accts.) ..... New York, N. Y.
M. R. Connell (Disb.) ..... "
J. S. Conover (Rev.) ..... "
J. L. Ferris (Pass. Accts.) ..... "
E. F. Haubold (Frt. Accts.) .. Cleveland, O

ASSISTANT AUDITORS.

R. C. Bromin (Pass. Accts.) ..... New York.
H. G. Lochmuller (Disb.) ..... N. Y.
J. McKendrick (Rev.) ..... "
G. F. Tomlinson, Local Aud. Cleveland, O
W. E. Munger, Mgr. Frt. Revision Bur. ..... "

SAFETY ELECTRIC LIGHT The Safety C. H. & L. Co.
USED ON 71 LEADING RAILROADS 2 Rector Street, New York.

Reduce your cost of cutting rivets

Quickest and most economical method.

RIVET CUTTING GUN COMPANY

116 EAST 3rd STREET -:- -:- CINCINNATI, OHIO

SMALL TOOLS

Punches
Dies
Coupling Nuts
Rivet Sets
Chisel Blanks
Drift Pins
Barrel Pins
Etc.

MACHINE TOOLS

Punches and Shears
Bending Rolls
Straightening Rolls
Rotary Planers
Plate Planers
Gate Shears
Radial Drills
Etc.

DISTRICT OFFICES

CHICAGO, ILL., 332 So. Michigan Ave.
NEW YORK, N. Y., 50 Church St.
PHILADELPHIA, PA., 321 Bulletin Bldg.
PITTSBURGH, PA., 511 Farmers Bk. Bldg.

THE CLEVELAND PUNCH & SHEAR WORKS CO.

Main Office & Works · CLEVELAND, OHIO

PITTSBURGH CHICAGO NEW YORK

693—NEW YORK CENTRAL—Continued.

TRAFFIC.

L. F. Vosburgh, Traf. Mgr. New York, N. Y
J. P. Patterson, Asst. to Traf. Mgr ..... "

ASSISTANT TRAFFIC MANAGERS.

R. J. Menzies ..... New York, N. Y
J. Webster ..... Chicago, Ill

PASSENGER.

L. A. Robison, Pass. Traf. Mgr. ..... New York, N. Y
L. W. Landman, Pass. Traf. Mgr. ..... Chicago, Ill
H. Parry, G. P. A. ..... New York, N. Y

ASSISTANT GENERAL PASSENGER AGENTS.

A. E. Brainerd ..... New York, N. Y
J. S. Hall (Chief) ..... Cleveland, O
C. Hartigan ..... Chicago, Ill
Neil Mooney ..... New York, N. Y
W. S. Randolph ..... Buffalo, N. Y
W. M. Skinner, G. B. A. ..... Albany, N. Y
J. B. McNamara, Asst. G. B. A. "

FREIGHT.

Buffalo and East.

I. H. Hubbel, Frt. Traf. Mgr. ..... New York, N. Y

ASST. FREIGHT TRAFFIC MANAGERS.

D. E. Gelatt ..... New York, N. Y
G. C. Woodruff ..... "
E. H. Croly, Asst. to Frt. Traf. Mgr. ..... Buffalo, N. Y
J. P. Dervin, G. F. A. ..... New York, N. Y

ASST. GENERAL FREIGHT AGENTS.

G. H. Clark ..... New York, N. Y
J. C. Jerome ..... "
B. J. Torbron ..... Buffalo, N. Y
A. McMichael, Gen. Coal Frt. Agt. ..... New York, N. Y.
G. E. Taylor, Coal Frt. Agt. ..... "
M. R. Garrison, Ch. of Tariff Bur. "
J. N. Crocker, Mgr. Mail & Exp. Traf. ..... New York, N. Y.

Buffalo and West.

W. A. Terry, Frt. Traf. Mgr. .. Chicago, Ill
F. O. Stafford, Asst. Frt. Traf Mgr ..... "
J. J. Monks, Asst. Frt. Traf. Mgr. ..... Pittsburgh, Pa
M. R. Maxwell, G. F. A. ..... Cleveland, O

ASSISTANT GENERAL FREIGHT AGENTS.

E. J. Dowie ..... Cleveland, O
W. J. Keller ..... "
F. E. Lewis ..... Detroit, Mich
B. Wagner ..... Chicago, Ill
C. A. Washer, Gen. Coal & Ore Agt. ..... Cleveland, O.
M. S. O'Connor, Ch. of Tariff Bur. ..... "

OPERATING.

R. D. Starbuck, V.-Pres. New York, N. Y
T. W. Evans, Asst. V.-Pres. "
A. D. Dugan, Exec. Asst. to V.-Pres. ..... "
R. E. Dougherty, Eng. Asst. to V.-Pres. ..... "
D. C. Moon, Asst. to V.-Pres. Cleveland, O.
J. H. Hustis, Jr., Supt. Property Protection. New York, N. Y

PURCHASING.

¶ W. C. Bower, Mgr. Pur. & Strs.. C. S. White, Pur. Agt. ..... C. C. Warne, 1st Asst. Pur. Agt. ..... New York, N. Y.
E. V. C. Reinhold, Asst. Pur. Agt... "
J. F. Holzemer, Asst. Pur. Agt... "
W. P. Winter, Asst. Pur. Agt. Cleveland, O
J. P. Murphy, Stores Asst. to Mgr. Pur. & Strs. ..... "
C. J. Muller, Stationer .. New York, N. Y

693a—Buffalo and East.

3445 Mls. (Mileage also included in N. Y. Central R. R. Co., The, No. 693.)

OPERATING.

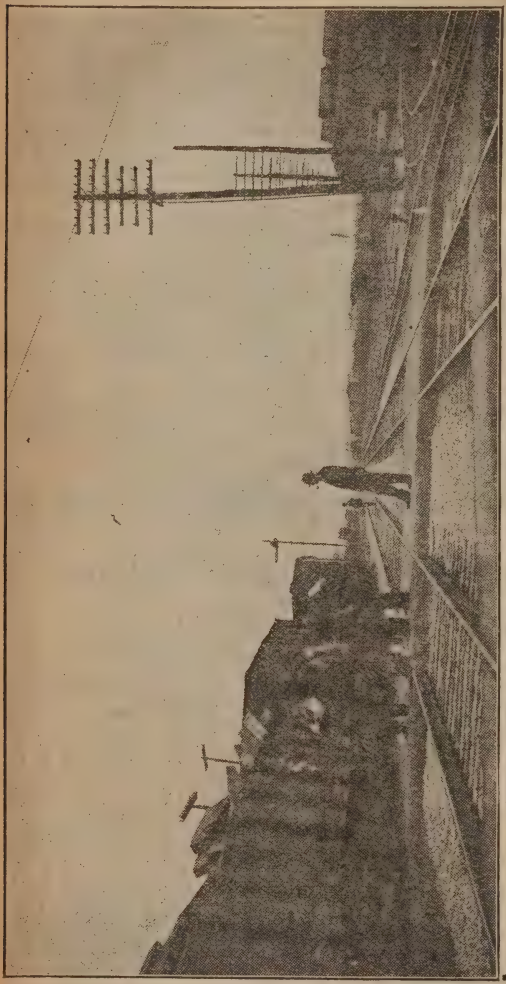
W. J. Fripp, Gen. Mgr. .. New York, N. Y.
D. W. Dinan, Asst. Gen. Mgr. ..... Syracuse, N. Y
E. J. Wright, Asst. to Gen. Mgr. ..... Albany, N. Y
F. N. Melius, Gen. Supt. .. New York, N. Y
F. E. McCormack, Gen. Supt. Buffalo, N. Y
D. B. Fleming, Gen. Supt. Albany, N. Y
F. W. Everett, Asst. to Gen. Supt. ..... Syracuse, N. Y
G. Van Tassell, Asst. to Gen. Supt. ..... New York, N. Y.
W. B. Pollock, Mgr. Marine Dept. ..... "
C. F. Smith, Gen. Supt. Pass. Transp. ..... "
L. C. Anderson, Asst. Gen. Supt. Pass. Trans. ..... "
G. J. Ross, Supt. Frt. Transp. "
D. A. Day, Supt. Car Serv. ..... "
J. R. Smart, Mgr. Din. Serv. Buffalo, N. Y
H. W. Taylor, Supt. Din. Serv. ..... New York, N. Y.
E. C. Keenan, Gen. Supt. Tele. ..... "
A. B. Taylor, Supt. Tel. ..... "
S. L. Van Akin, Jr., Asst. Supt. Tel "
G. T. Stanton, Tele. & Telep. Eng. ..... "
W. G. Carlton, Supt. Power. "
C. E. Hill, Gen. Safety Agt. ... "
Dr. W. B. Coley, Ch. Surg. ... "
J. D. Roosa, Ch. Police ..... "
E. H. Anderson, Mgr Agri. Rel. ..... Rochester, N. Y
R. W. Quackenbush, Gen. Agri. Agt. ..... New York, N. Y

DIVISION SUPERINTENDENTS.

M. Bronson ..... New York, N. Y
T. W. Crowley ..... Watertown, N. Y
G. D. Dager ..... Rochester, N. Y
J. E. Davenport ..... Utica, N. Y
W. A. Hamler ..... Oswego, N. Y
D. T. Hanna ..... White Plains, N. Y
F. S. Risley ..... Syracuse, N. Y
H. Scott ..... Albany, N. Y
D. L. Sommerville ..... Corning, N. Y
M. E. Welch ..... Buffalo, N. Y
G. H. Wilson ..... New York, N. Y
A. H. Wright ..... Weehawken, N. J

ASSISTANT SUPERINTENDENTS.

J. J. Brinkworth ..... Weehawken, N. J
C. K. Brodhead ..... New York, N. Y
J. K. D. Brown ..... Buffalo, N. Y
W. M. Corbin ..... Jersey Shore, Pa
C. W. Foshay ..... New York, N. Y



This Crossing Laid With Headley No. 1.

HEADLEY GOOD ROADS COMPANY,
FRANKLIN TRUST BUILDING,
PHILADELPHIA, PA.

Write for Booklet.

NEW YORK CENTRAL—Continued.

693a - Buffalo and East—Continued.

ASSISTANT SUPERINTENDENTS—CONT'D.

C. E. Olp.....Syracuse, N. Y
L. P. Van Woert.....Corning, N. Y
W. H. Wood.....Albany, N. Y

R. L. Calkins, Frt. Clm. Agt. .....New York, N.Y
J.K.Lovell, Asst. Frt. Clm. Agt.....Buffalo, N. Y

PURCHASING.

See N. Y. C. R. R. Co., No. 693.

STORES.

W.F.Jones,Gen.Str.Kpr.W.Albany.N.Y

ASSISTANT GENERAL STORE KEEPERS.

L. J. Green.....West Albany, N. Y
R. S. Huffman..... "

DISTRICT STORE KEEPERS.

J. S. Blasie.....Depew, N. Y
F. J. Foster.....East Buffalo.N.Y
W. F. Hickey.....Oswego, N. Y
G. R. Jones.....Selkirk, N. Y
J. H. Seim.....West Albany, N. Y
C. H. Sheridan.....Mott Haven. N. Y
J. Williamson.....Avis, Pa

STORE KEEPERS.

A. T. Livingston.....Rensselaer, N. Y
F. J. McCarthy.....Weehawken, N.J
B. F. Nelson.....Rensselaer, N. Y
C. H. Tallman..... "
F. C. Vroman..... { Otis, N. Y. P.O. Rochester

MECHANICAL.

W. O. Thompson, Gen. Supt. R. S. .....Buffalo, N. Y
A. E. Calkins, Supt. R. S.. { New York,
F. W. Brazier, Asst. to Gen. Supt. R. S..... { N. Y.
W. H. Flynn, Supt. M. P.... "
R.M.Brown, Asst. Supt.M.P. "
A. J. Fries, Dist. Supt. M. P.Depew, N.Y

DIVISION SUPERINTENDENTS MOTIVE POWER

F. A. Linderman.....Avis, Pa
H. S. Rauch.....Oswego. N. Y

GENERAL MASTER MECHANICS.

M. W. Hassett.....Buffalo, N. Y
C. F. Parsons.....Albany, N. Y

MASTER MECHANICS.

W. D. Arter.....Watertown, N. Y
W. G. Babcock.....Harmon, N. Y
S. A. Bickford (Elec. Equip.).....New York, N. Y
G. W. Caley.....Corning, N. Y
W. J. Crandall.....Rochester, N. Y
W. P. Davis .....Selkirk, N. Y
C. P. Diehr.....Clearfield, Pa
L. H. Flynn (Asst.).....Selkirk, N. Y
M. Goodrich.....Ottawa, Ont
A. G. Hentz .....Brewster, N. Y
R. E. Ingram (Asst.)...East Buffalo, N. Y
J. Singer.....East Syracuse. N. Y
E. J. Snell.....Utica. N. Y
M. H. Strauss.....New Durham. N. J
C. H. Umpleby.....East Buffalo, N. Y

ROAD FOREMEN OF ENGINES.

A. M. Ackert.....Brewster, N. Y
A. Bayreuther.....West Albany, N. Y
L. Biehl (Elec.).....New York, N. Y
W. O. Bisnett.....Watertown. N. Y
E.R. Boa.....East Buffalo, N. Y

ROAD FOREMEN OF ENGINES—CONTINUED.

J. Boughton.....West Albany, N. Y
J. T. Bowes.....Avis, Pa
P. J. Boyle.....East Buffalo. N. Y
C. S. Brayton.....Rochester, N. Y
J. C. Brennan.....Utica, N. Y
G. F. Burns.....East Buffalo, N.Y
F. A. Dooley.....New Durham, N. J
E. B. Ferguson.....Clearfield, Pa
A. J. Fero.....Avis, Pa
G. Forsythe.....DeWitt, N. Y
E. H. France.....Rensselaer, N. Y
J. F. Gannon.....Minoa, N. Y
C. T. Gilbert.....West Albany, N. Y
F. E. Jewell.....East Syracuse, N. Y
E. C. Kloth.....Kingston, N. Y
W. J. Mahan.....Syracuse, N. Y
R. H. McGraw.....Richland, N.Y
H. L. Murphy.....DeWitt, N. Y
A. T. Pfeiffer.....Syracuse, N. Y
J. B. Porlier.....Utica, N. Y
O. Pugsley.....Rochester, N. Y
D. C. Rodgers.....Corning, N. Y
W. Rombough.....Minoa, N. Y
C. B. Smith.....West Albany, N.Y
C. D. Spink..... "
W. Weidell.....Buffalo, N.Y
W. I. Williams.....Harmon, N. Y
P. H. Winston..... "

B. F. Shone, Supt. Shops...Depew, N.Y
J. G. Parsons, Supt. Shops.....West Albany, N. Y
W. Downs, Supt. Shops.....Avis, Pa
A. M. Gary, Ch. Elec..Mott Haven. N.Y
J. A. Carmody, Supt. Elec. Equip..... { New York, N. Y.
W. R. McMunn, Gen. Car Insp.....Buffalo, N. Y
A. A. Raymond, Supt. Fuel & Loco Performance.....Utica, N. Y
W. J. Moore, Gen. Loco. Insp.....West Albany, N. Y
L. H. Albers, Supvr. Air Brk..... "
G. Usherwood, Supvr Boilers..... "
W. L. Hazzard, Supvr. Piece Work Schedules.. { New York, N. Y.
C.W.Cross, Supvr. Apprentices "
W.Olsen, Supvr. Steam Plants. "
C. H. Hogan, Mgr. Dept. Shop Labor .....Buffalo, N. Y
W. A. Bachman, Supt. Foundries..... ....Frankfort, N. Y

GENERAL FOREMEN LOCOMOTIVE DEPT.

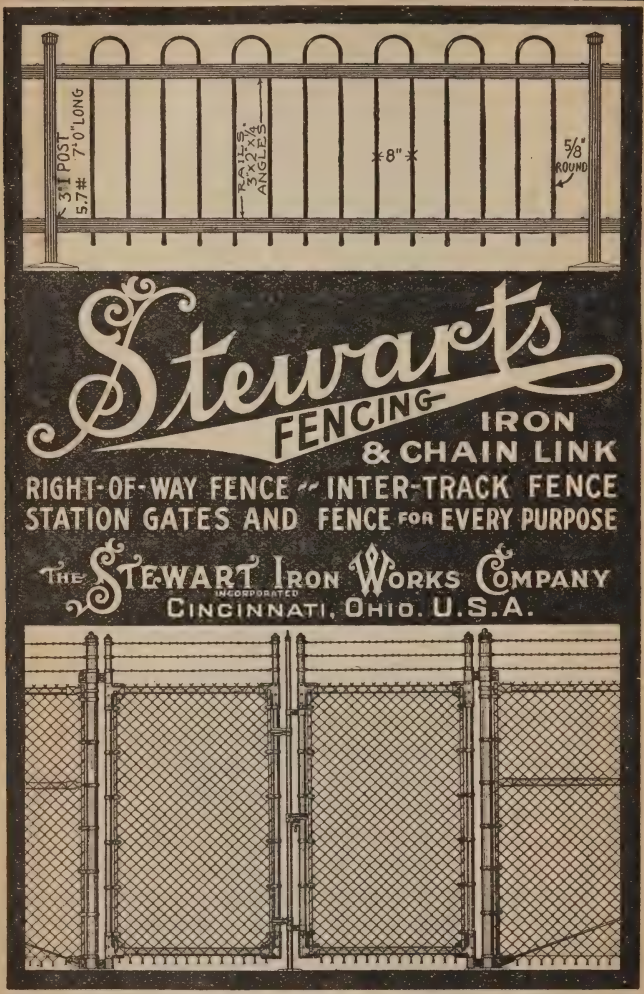
W. F. Black.....Avis, Pa
J. E. Blackburn.....Depew, N.Y
J. Budds.....Oswego, N. Y
A. E. Iveson.....West Albany, N.Y
G. Lennon.....New Durham, N. J

DISTRICT MASTER CAR BUILDERS.

R. L. Chandler.....East Buffalo, N. Y
J. T. Grow.....West Albany, N. Y

DIVISION GEN. FOREMEN CAR DEPT.

C. S. Adams.....Mott Haven Yard. N. Y
A. Burkhard.....Selkirk, N. Y
W. S. Clark.....Syracuse, N. Y
T. Donahue.....Avis, Pa
E. C. Totten.....Weehawken, N. J
W. S. Tyler.....East Buffalo, N. Y


3"I POST
7'-0" LONG
5.7#
RAILS
3"x2½"
ANGLES
8"
5/8"
ROUND
Stewarts
FENCING
IRON
& CHAIN LINK
RIGHT-OF-WAY FENCE -- INTER-TRACK FENCE
STATION GATES AND FENCE FOR EVERY PURPOSE
THE STEWART IRON WORKS COMPANY
INCORPORATED
CINCINNATI, OHIO. U.S.A.

NEW YORK CENTRAL—Continued.

693a—Buffalo and East—Continued.

FOREMEN PAINTERS.

G. S. Corson (Elec. Equip.) Harmon, N. Y
E. Ehmke (Loco. Dept.) ... Depew, N. Y
F. Kinsman ... Oswego, N. Y
C. Koelsch (Loco. Dept.) W. Albany, N. Y
J. E. Olmstead ... Avis, Pa
C. H. Schenbel (Car Dept.) E. Buffalo, N. Y
D. C. Sherwood (Car Dept) W. Albany, N. Y
E. E. Staples ... Avis, Pa

ENGINEERING, BRIDGES & ROADWAY

G. W. Kittredge, Ch. Eng., New York, N. Y
W. F. Jordan, Prin. Asst. Eng ... Albany, N. Y
J. W. Pfau, Eng. Constr. } New York, N. Y.
E. B. Katte, Ch. Eng. Elec. } N. Y.
Tract'n. ... "
S. E. Coombs, Specl. Eng. ... "
H. A. Currie, Asst. Elec. Eng. "
J. M. Doorly, Eng. West Side Impts. ... "
G. A. Noren, Des. Eng. ... "
E. W. Everett, Des. Eng. "
A. M. Holcomb, Office Eng. "
C. B. Martin, Transmis. Eng. "
F. N. Moore, Office Asst. ... "
J. G. Brennan, Eng. Grade Crossings ... "
W. J. Thornton, Term. Eng. "
J. H. VanBuskirk, Mech. Eng. "
H. T. Welty, Eng. Structures. "

DISTRICT ENGINEERS.

R. H. Coulson ... Buffalo, N. Y
W. C. Maurice ... Albany, N. Y
C. L. Spaulding ... New York, N. Y

MAINTENANCE OF WAY—EXTERIOR ZONE.

J. V. Neubert, Eng. M. W. } New York,
W. A. Murray, Eng. Trk. } N. Y.
J. L. Miller, Eng. Brdgs. "
R. P. Mills, Gen. Supvr. Bldgs. "
K. Peabody, Gen. Supvr. Bldgs. ... "
H. I. Hoag, Gen. Insp. Trk. "
W. L. Curtiss, Mech. Eng. "
W. T. McCart, Tie Treatment Insp. ... Rome, N. Y
J. F. McDonald, Office Eng. New York, N. Y

DIVISION ENGINEERS.

S. E. Armstrong ... Jersey Shore, Pa
P. L. Barker ... Oswego, N. Y
G. N. Edmondson ... Albany, N. Y
F. S. Hunt ... 125th St., New York, N. Y
A. R. Jones ... Watertown, N. Y
N. W. McCallum (Elec.) New York, N. Y
B. M. McDonald ... Buffalo, N. Y
S. A. Seely ... Utica, N. Y
J. W. Stevens ... Rochester, N. Y
H. C. Thompson ... Weehawken, N. J
P. H. Winchester ... Syracuse, N. Y

SUPERVISORS OF BRIDGES & BUILDINGS.

J. K. Bonner ... Watertown, N. Y
B. F. Francis ... Jersey Shore, Pa
J. Hamer ... Albany, N. Y
E. L. Jenkins ... Malone, N. Y
G. J. Klumpp ... Rochester, N. Y
W. M. Lee ... Weehawken, N. J
E. Rykenboer ... Rochester, N. Y

SUPERVISORS BRIDGES & BUILDINGS—CON.

L. W. Stone ... Oswego, N. Y
J. H. Vosburgh ... Buffalo, N. Y
E. E. Wilson ... 125th St., New York, N. Y

E. R. Tattershall, Supvr. Piers & Bldgs. } New York, N. Y.

SUPERVISORS OF TRACK.

O. C. Anderson ... Remsen, N. Y
J. H. Anger ... Oneida, N. Y
G. J. Bowe ... Oswego, N. Y
J. W. Bowe ... Fonda, N. Y
A. M. Clough ... Batavia, N. Y
T. P. Cullagan ... Corning, N. Y
J. W. Dahl ... Lock Haven, Pa
T. J. Dailey ... Selkirk, N. Y
C. E. Doty (Elec.) ... New York, N. Y
G. W. Eberhardt ... N. Tonawanda, N. Y
A. M. Egan ... Hudson, N. Y
J. E. Egan ... So. Schenectady, N. Y
T. H. Gurnett ... Beacon, N. Y
J. Johnson ... Newburgh, N. Y
M. W. Keefe ... Moira, N. Y
J. H. Kelley ... Clearfield, Pa
T. Kinney ... Jersey Shore, Pa
H. B. Lincoln ... Carthage, N. Y
R. M. Mahar ... Pawling, N. Y
O. R. Mench ... Richland, N. Y
P. Monahan ... Gouverneur, N. Y
C. H. Morse ... Kingston, N. Y
A. Olson ... Mahaffey, Pa
T. J. O'Sullivan ... Canandaigua, N. Y
J. W. Powers ... Rochester, N. Y
C. J. Redifer (Elec.) ... New York, N. Y
D. L. Robertson ... Lyons, N. Y
W. Ruth ... W. 30th St., New York, N. Y
J. D. Salisbury ... Charlotte, N. Y
J. P. Sexton ... Lackawanna, N. Y
T. J. Sexton ... East Buffalo, N. Y
D. E. Shea ... Watertown, N. Y
W. N. Skelton ... Syracuse, N. Y
G. M. Smith ... Frankfort, N. Y
F. L. Vault ... Utica, N. Y
C. H. Vogt ... Rochester, N. Y
J. F. Welch ... Malone, N. Y

E. Richter, Supvr. Elec. Transmission ... New York, N. Y

SIGNAL DEPARTMENT.

ELECTRIC DIVISION.

W. Morrison, Sig. Eng. ... New York, N. Y

SIGNAL SUPERVISORS.

J. Cauldwell (Asst.) ... New York, N. Y
J. Corcoran (Asst.) ... "
R. L. Russel (Asst.) ... "
L. J. Schweitzer (Asst.) "
E. B. Smith ... "
J. Stoltz (Asst.) ... "
F. E. Wass ... "

EXTERIOR ZONE.

W. H. Elliott, Signal Eng. } Albany,
R. B. Elsworth, Asst. Sig. Eng. } N. Y.
J. J. Corcoran, Asst. Sig. Eng. "
H. H. Cooper, Supvr. of Constr. "
C. A. Hinds, Supvr. of Constr. "
W. G. Brown, Ch. Gen. Insp. "
C. J. Goodwin, Ch. Gen. Insp. "
W. G. Waechtler, Ch. Gen. Insp. "

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York - Chicago

TUCO

For the Good of the Service

Use—

National Steel Trap Doors and Lifting Device
Resisto Insulation
Flexolith Composition Flooring
Perfection Sash Balances
B-J Hot Box Cooler
Metallic (Steel) Sheathing
Reliance Sash Balance
National Standard Roofing
Imperial Car Window Screens
Eclipse Deck-Sash Ratchets
Titanlite Box Car Door

Tuco Products Corporation

30 Church Street -:- New York City
Peoples Gas Building -:- -:- . Chicago

NEW YORK CENTRAL—Continued.

693a—Buffalo and East—Continued.

ASSISTANT CHIEF GENERAL INSPECTORS.

T. V. Ford.....Albany, N. Y
A. N. Frisbie..... "
E. F. Knowles..... "
W. B. Nicol.....Rochester, N. Y

SIGNAL SUPERVISORS.

T. S. Adams.....Watertown, N. Y
G. A. Guyer.....Albany, N. Y
S. P. Hull.....New York, N. Y
W. H. Newman.....Buffalo, N. Y
J. Parker.....Rochester, N. Y
A. M. Ratigan..... "
E. C. Rinker.....Weehawken, N. J
A. W. Seymour..No. White Plains, N. Y
P. G. Swetland.....Jersey Shore, Pa

ASSISTANT SIGNAL SUPERVISORS.

E. A. Allen.....Albany, N. Y
M. D. Burke.....Amsterdam, N. Y
R. W. Carlisle.....Utica, N. Y
F. W. Constable.....Weehawken, N. J
L. H. Hassel.....Utica, N. Y
G. E. Hill.....Poughkeepsie, N. Y
G. C. Huelle.....No. White Plains, N. Y
C. A. Kaell.....Rochester, N. Y
G. E. O'Brien.....Syracuse, N. Y
F. Vernon.....Kingston, N. Y
L. E. Whalen.....Poughkeepsie, N. Y

693b—West of Buffalo.

2,265 Mls. (Mileage also included in N. Y. Central R. R. Co., The, No. 693.)

OPERATING.

D. R. MacBain, Gen. Mgr.....{ Cleveland, O
W. F. Schaff, Asst. Gen. Mgr...
W. H. Sullivan, Gen. Supt., Chicago, Ill
E. Thwaites, Gen. Supt....Cleveland, O
W. C. Esgar, Supt. Pass. Trans..... "
G. A. Codling, Supt. Frt. Trans. "
R. P. Gribben, Asst. Supt. Frt. Trans..... "
D. A. Day, Supt. C. S....New York, N. Y
E. C. Keenan, Gen. Supt. Tele. & Telo..... "
R. F. Finley, Supt. Tel.....Cleveland, O
A. Behner, Tele. & Telo. Eng. "
J. R. Smart, Mgr. Din. Serv. Buffalo, N. Y
E. H. Anderson, Mgr. Agri. Rel.....Rochester, N. Y
W. H. Hill, Gen. Agrl. Agt..Chicago, Ill
R. J. Plaster, Agrl. Agt..... "
E. G. Reed, Agrl. Agt.....Columbus, O
E. J. Leembouts, Agrl. Agt..Detroit, Mich
Dr. F. E. Pierce, Ch. Surg... "
R. W. Andrews, Ch. Supvr. Agt.....Cleveland, O
G. A. Collins, Ch. of Police. "

DIVISION SUPERINTENDENTS.

E. R. Bissell.....Hillsdale, Mich
E. V. Brogan.....Erie, Pa
E. W. Brown.....Alliance, O
F. Grundler.....Elkhart, Ind
W. P. Lamb.....Gibson, Lake Co., Ind
A. E. Lloyd.....Chicago, Ill
F. F. Riefel.....Toledo, O
J. R. Todd.....Youngstown, O
C. M. Williams.....Cleveland, O

ASSISTANT DIVISION SUPERINTENDENTS.

J. J. Daley.....Erie, Pa
D. J. Evans.....Youngstown, O
G. H. Jedele.....Cleveland, O
L. J. Petrot.....Toledo, O
J. P. Smillie.....Chicago, Ill
F. W. Watkins.....Dunkirk, N. Y

PURCHASING.

See N. Y. C. R. R. Co., No. 693.

STORES.

F. J. McMahon, Gen. Str. Kpr.....Collinwood, O

ASSISTANT GENERAL STORE KEEPERS.

C. D. Longsdorf.....Collinwood, O
C. R. Yoder..... "
C. F. Heidenreich, Dist. Str. Kpr.....Collinwood, O
D. T. Matthews, Dist. Str. Kpr.....Elkhart, Ind

STORE KEEPERS.

C. A. Anderson.....West Park, O
H. M. Bates.....{ Air Line Jct., O., P. O. Toledo.
C. W. Cox.....Ashtabula, O
E. J. Fiedler.....Minerva, O
J. L. Hasenpflug...{ Kingsbury Run, O P. O. Cleveland
M. C. Johnson.....Kankakee, Ill
E. Kohlmeier.....West Seneca, N. Y
L. G. Leibacher.....Sandusky, O
W. T. McCaulliff.....{ Englewood, Ill P. O. Chicago
J. H. McNutt.....{ Coalburg, O P. O. Hubbard
C. W. Miller.....Buffalo, N. Y
W. F. King.....Indiana Harbor, Ind
L. Shoppell.....Ft. Wayne, Ind
H. E. Spicer.....Adrian, Mich
J. J. Stanley.....Nottingham, O
G. A. Weber.....Wesleyville, Pa
A. F. Dambrow, Trav. Str. Kpr.....Collinwood, O

MECHANICAL.

J. Chidley, Supt. M. P.....Cleveland, O
B. F. Kuhn, Asst. Supt. M. P. "
W. O. Thompson, Gen. Supt. R. S.....Buffalo, N. Y
J. W. Senger, Supt. R. S...Cleveland, O

ASST. TO GEN. SUPT. ROLLING STOCK.

F. W. Brazier.....New York, N. Y
E. J. Thill.....Buffalo, N. Y

DIST. SUPERINTENDENTS MOTIVE POWER.

O. M. Foster.....Collinwood, O
W. R. Lye.....Elkhart, Ind

MASTER MECHANICS.

F. M. Crandall.....Ashtabula, O
J. T. Flavin.....Kankakee, Ill
W. A. Larick.....Collinwood, O
J. J. Wenzel.....Elkhart, Ind

ROAD FOREMEN OF ENGINES.

E. A. Ames.....Collinwood, O
S. J. Aske.....Buffalo, N. Y
G. M. Broker.....Minerva, O
E. O. Craner.....Elkhart, Ind
J. A. Freeman.....Collinwood, O
F. D. Garries..... "
E. A. Herrick.....Elkhart, Ind
W. B. Keeler.....Ashtabula, O
J. N. Langan.....Kankakee, Ill

"DAYTON" Car Trimmings

have been STANDARD for more than Thirty Years on American Railroads

Bronze and Brass Car Hardware, Lighting Fixtures, Sanitary Fittings, Sash Fixtures, Basket Racks, Headlights, Vestibule and Platform Trimmings, Switch and Car Locks, etc.

The Dayton Manufacturing Co.

DAYTON, OHIO

CELOTEX

INSULATING LUMBER

CELOTEX BUILDING BOARD For use in all railroad structures in place of wood sheathing or lath and plaster. Provides greater strength, more comfort, less noise, saves fuel and COSTS LESS.

CELOTEX INSULATION For refrigerator car insulation, ice house insulation, frost boxes and all other protective construction.

CELOTEX INDUSTRIAL BOARD For roof insulation and prevention of condensation.

CELOTEX
FOR BUILDING MAINTENANCE

THE CELOTEX COMPANY

645 North Michigan Avenue
CHICAGO, ILL.

NEW YORK CENTRAL—Continued.

693b—West of Buffalo—Continued.

ROAD FOREMEN OF ENGINES—CONTINUED.

J. F. Ludwig.....Wesleyville, Pa
P. J. Miller.....Toledo, O
P. J. Murphy..... "
F. F. Peppet.....Gibson, Lake Co., Ind
W. F. Smith.....Collinwood, O
F. W. Stoll..... "
J. F. Vaniman..... { Englewood, Ill / P. O. Chicago
A. B. Wright.....Elkhart, Ind

SUPERINTENDENT SHOPS.

W. J. Shasberger.....Collinwood, O
H. E. Warner.....Elkhart, Ind
J. Reed, Dist. M. C. B....Collinwood, O
G. E. Thomson, Dist. M. C. B..... { Englewood, Ill / P. O. Chicago
W. T. Westall, Asst. Dist. M. C. B. Toledo, O
A. W. Mayer, Gen. For. Car Shops..... { Collinwood, O
O. C. Ash, Asst. Gen. For. Car Shops..... "
G. Pinkney, Gen. For. Car Light. "

SUPERVISORS.

N. A. Ferrier (Shop Mach. & Tools) .....Cleveland, O
J. P. Puette (Elec. Appli.).. "
F. L. McMillan (Matl. L. & C. Depts) ..... "
F. L. Rutledge (Auto. Tr. Control)..... "
W. H. Scribner, (Mech. Exam.)..... "
J. S. Brown (Safety Appli.). "
C. H. Weaver (Air Brakes). "

DIVISION GENERAL FOREMEN CAR DEPT.

C. A. Halleen.....Ashtabula, O
F. H. Hanson.....Collinwood, O
A. Herbster..... { Englewood, Ill / P. O. Chicago

GENERAL FOREMEN CAR DEPARTMENT.

L. Benjamin.....Alliance, O
A. Berg.....Wesleyville, Pa
L. J. Collins.....Cleveland, O
W. C. England...Union Sta., Toledo, O
E. Erickson.....Adrian, Mich
A. Frank .....Cleveland, O
C. J. Griswold..... { Englewood, Ill / P. O. Chicago
A. E. Johnson.....Root St., Chicago, Ill
W. D. Mooney..... { Kingsbury Run, O / P. O. Cleveland.
P. Parker.....Kankakee, Ill
R. C. Salyer.....Elkhart, Ind
H. J. Siebert.....Indiana Harbor, Ind
C. F. Stoll.....Campbell St., Toledo, O
W. G. Thomas..... { Coalburg, O / P. O. Hubbard
R. C. Vermeers.....Sandusky, O
W. R. Wilson..... { Air Line Jct., O., / P. O. Toledo.

MASTER BLACKSMITHS.

E. J. Haskins.....Elkhart, Ind
A. Lindseth.....Collinwood, O

GENERAL FOREMEN ENGINE HOUSES.

A. C. Colson .....Dunkirk, N. Y
R. C. Cross..... { Coalburg, O / P. O. Hubbard
J. R. Dolph.....Collinwood, O

GEN. FOR. ENGINE HOUSES—CONT'D.

G. W. Foster.....Minerva, O
R. B. Jacobson..... { Air Line Jct., O., / P. O. Toledo.
F. C. Kurrasch.....Kankakee, Ill
W. H. MacDonald.....South Bend, Ind
W. L. Martin.....Ft. Wayne, Ind
C. B. Nelson.....Elkhart, Ind
J. J. O'Brien.....West Seneca, N. Y
M. J. Osborne.....Buffalo, N. Y
J. F. Rodebough.....Ashtabula, O
H. F. Snell.....Wesleyville, Pa
F. J. Speakman. Englewood, Chicago, Ill

FOREMEN PAINTERS.

J. G. Keil.....Elkhart, Ind
H. Newman.....Collinwood, O

ENGINEERING, BRIDGES & ROADWAY

R. O. Rote, Ch. Eng..... { Cleveland, O
H. B. Reinsagen. Prin. Asst. Eng

DIVISION ENGINEERS.

H. W. Fenno.....Chicago, Ill
P. E. Manchester.....Cleveland, O
J. M. Podmore.....Toledo, O
S. C. Upson.....Erie, Pa

G. C. Cleveland, Consult. Eng. { Cleveland, O
C. Yoder, Eng. M. W..... "
B. R. Leffler, Eng. Brdgs..... "
W. A. McGee, Mech. Eng..... "
A. P. Button, Eng. Grade Sep... "
P. D. Hubbard, Asst. Eng. ..... "
F. H. Meggers, Asst. Eng..... "
G. Herr. Eng. Bldgs..... "
L. B. Holt, Eng. Trk..... "
C. H. Judson, Off. Eng..... "
S. H. Scharschmidt, Off. Eng.... "
G. Bitz, Supvr. Brdgs..... "
P. J. Jones, Supvr. Frog & Switch Shop.....Elkhart, Ind
C. W. Greene, Timber Treat. Eng..... { Air Line Jct., O., / P. O. Toledo.

SUPERVISORS OF BUILDINGS.

J. G. Frank.....Elkhart, Ind
E. J. Fraser.....Toledo, O
G. H. Frazine.....Collinwood, O

J. B. Martin, Gen. Insp. Trk. Cleveland, O
J. A. Prentice, Gen. Insp. Trk..Toledo, O

SUPERVISORS OF TRACK.

H. H. Britton.....Hillsdale, Mich
L. A. Clayman.....Monroe, Mich
T. W. Dempsey.....Adrian, Mich
W. A. Dibble.....La Porte, Ind
R. A. Houghton.....Painesville, O
S. Jordan.....Ashtabula, O
S. P. Jordan.....Sandusky, O
J. B. Kennedy.....Cleveland, O
F. L. Lemon.....Alliance, O
D. C. Martin.....Elyria, O
C. E. Nelson.....Elkhart, Ind
J. E. O'Connell.....Toledo, O
C. H. Rachor.....White Pigeon, Mich
D. Rex .....Kankakee, Ill
T. Ryan.....Franklin, Pa
E. P. Safford.....Silver Creek, N. Y
E. H. Strine.....Gibson, Lake Co., Ind
J. W. Sweeney.....Streator, Ill
F. E. Triechman.....Hillsdale, Mich
F. W. Watkins.....Dunkirk, N. Y

Dependable Signal Indications Respected

Nothing impairs the effectiveness, of an automatic signal system, more than train detentions due to signal failures.

A momentary power failure, in a central distribution system, frequently results in several train detentions, owing to the number of signals supplied from each source.

Detentions caused by failure of the power source, can be entirely eliminated when the current is furnished by Edison Primary Cells. Each function has its individual supply and an accurate indicator keeps the maintainer posted on the condition of the battery.

Estimates on installation and maintenance costs gladly furnished.

Thomas A Edison, Inc.

EDISON PRIMARY BATTERIES

BLOOMFIELD - NEW JERSEY

ST. LOUIS
Railway Exchange Bldg.

CHICAGO
Peoples Gas Bldg.

SAN FRANCISCO
Balboa Bldg.

NEW YORK CENTRAL—Continued.

693b—West of Buffalo—Continued.

SIGNAL DEPARTMENT.

F. B. Wiegand, Sig. Eng...Cleveland, O
C. D. Cronk, Asst. Sig. Eng.. "
B. J. Schwendt, Asst. Sig. Eng..... "

SIGNAL INSPECTORS.

H. D. Abernethy.....Cleveland, O
J. P. Buchanan..... "
R. C. Exley..... "
J. O'Brien..... "
J. C. Seaman..... "

SUPERVISORS SIGNALS.

W. A. Dawson.....Ashtabula, O
T. G. Inwood..... Englewood, Ill / P. O. Chicago
H. L. Kilian.....Toledo, O
C. E. Rowe..... Englewood, Ill / P. O. Chicago
K. F. Wakeman.....Ashtabula, O
L. L. Whitcomb.....Cleveland, O

ASSISTANT SUPERVISORS SIGNALS.

E. N. Bonsquet.....Toledo, O
W. J. Briney..... Englewood, Ill / P. O. Chicago
E. A. Heslink.....Ashtabula, O
C. M. Johnson.....Elyria, O
L. C. Keirn .....Chicago, Ill
L. Larsen.....Elkhart, Ind
F. J. Richardson.....Ashtabula, O

693c—Ohio Central Lines.

NEW YORK CENTRAL R. R. CO. Lessee.

TOLEDO & OHIO CENTRAL RY.
486 Mls, 208 Loco, Cars: 6,663 Frt, 59 Pass, 257 Misc

KANAWHA & MICHIGAN RY.
177 Mls, 58 Loco, Cars: 2,601 Frt, 25 Pass, 285 Misc

KANAWHA & W. VIRGINIA R. R.
44 Mls

ZANESVILLE & WESTERN RY.
92 Mls, Cars: 358 Frt, 2 Pass, 18 Misc

All of the above Mileage & Equipment is not included in New York Central R. R. Mileage & Equipment.
(Mileage and equipment also included in N. Y. C. Lines, No. 692x.)

EXECUTIVE, FINANCIAL AND LEGAL.

P. E. Crowley, Pres.....New York, N. Y
R. D. Starbuck, V.-Pres. "
F. B. Sheldon, Res. V.-Pres., Columbus, O
F. S. Lewis, Gen. Atty.....Toledo, O
W. N. King, Asst. Gen. Atty. Columbus, O
H. F. Schryver, Value. Eng. "
R. S. Lippincott, Land & Tax Agt..... "
C. M. Lombard, Dist. Frt. Clm. Agt..... "
E. H. Anderson, Mgr. Agri. Rel.....Rochester, N. Y
W. H. Hill, Gen. Agri. Agt...Chicago, Ill
E. G. Reed, Agri. Ag.....Columbus, O

ACCOUNTING.

G. M. Glazier, Gen. Aud..New York, N. Y

AUDITORS.

F. E. Briggs (Coal & Coke Accts.) ..... New York, N. Y.
M. R. Connell (Disb.)..... "

J. S. Conover (Rev.)..... New York, N. Y.
J. L. Ferris (Pass. Accts.).
E. F. Haubold (Frt. Accts.). Cleveland, O

W. E. Munger, Mgr. Frt. Rev. Bur.....Cleveland, O

TRAFFIC.

L. F. Vosburgh, Traf. Mgr. New York, N. Y
J. Webster, Asst. Traf. Mgr. Chicago, Ill
W. A. Terry, Frt. Traf. Mgr. "
T. J. Cook, G. F. & P. A.....Toledo, O
J. F. Youse, Asst. G. F. & P. A.....Charleston, W. Va
H. O. Mills, Asst. G. F. A.....Toledo, O
E. C. Cook, Asst. G. P. A..... "
C. A. Washer, Gen. Coal & Ore Agt.....Cleveland, O

OPERATING.

L. S. Emery, Gen. Mgr....Columbus, O
H. E. Speaks, Gen. Supt... "
C. L. Gardner, Supt..... "
A. N. Lyon, Supt.....Charleston, W. Va
I. B. Chadwick, Asst. Supt. Columbus, O
A. E. Fillmore, Supt. Frt. Trans..... "
R. F. Finley, Supt. Tel.....Cleveland, O
D. A. Day, Supt. Car Serv. New York, N. Y

PURCHASING.

See N. Y. C. R. R. Co., No. 693.

STORES.

F. J. McMahon, Gen. Str. Kpr .....Collinwood, O
E. H. Lehman, Asst. Gen. Str. Kpr..... .....Columbus, O

STOREKEEPERS.

C. C. McMillen (Shops).....Toledo, O
R. L. Renfrew.....Bucyrus, O
P. M. Schisler .....Thurston, O
R. H. Stewart.....Kenton, O
L. M. Stowell (Sig.).....Columbus, O
E. C. Willock..... Hobson, O. / P. O. Middleport

MECHANICAL.

W. O. Thompson, Gen. Supt. R. S .....Buffalo, N. Y
J. Chidley, Supt. M. P.....Cleveland, O
B. F. Kuehn, Asst. Supt. M. P. "
W. J. O'Brien, Dist. Supt. M. P. & R. S.....Columbus, O

DIVISION MASTER MECHANICS.

W. A. Jex ... .Columbus, O
O. P. Skeen.....Bucyrus, O

ROAD FOREMEN OF ENGINES.

H. V. Hecox..... Hobson, O / P. O. Middleport
J. N. Jones.....Columbus, O
F. S. Powers.....Bucyrus, O

SHOP SUPERINTENDENTS.

M. L. Davis..... Hobson, O. / P. O. Middleport
I. O. Martin.....Bucyrus, O
L. M. Fisk, M. C. B.....Columbus, O
H. H. Hill, Supvr. Air Brk. Equip..... "

GENERAL FOREMEN.

R. Dennis..... .....Columbus, O
A. H. Hoddy.....Corning O
W. L. Houghton.....Toledo, O
C. B. Mottice.....Charleston, W. Va

SAFETY ELECTRIC LIGHT The Safety C. H. & L. Co.
USED ON 71 LEADING RAILROADS. 2 Rector Street, New York.

STANDARD STEEL CAR CO.

OFFICES:
Pittsburgh, Pa., Frick Bldg.
New York, 120 Broadway
Chicago, Tribune Tower

WORKS:
Butler, Pa.
New Castle, Pa.
Hammond, Ind.

STEEL AND COMPOSITE

FREIGHT CARS

For all classes of service, from our standard designs, or according to specifications of purchasers

STEEL CAR UNDERFRAMES

TRUCKS, BOLSTERS, BRAKE BEAMS, ETC.

Capacity 50,000 Cars Per Annum - Inquiries Solicited

READY! We are ready and willing to help you change your equipment to meet the standards required by the

INTERSTATE COMMERCE COMMISSION.

Our facilities for manufacturing

FORGINGS

are unexcelled.

STEEL CAR FORGE COMPANY

"Forging Specialists"

NEW YORK PITTSBURGH CHICAGO

NEW YORK CENTRAL—Continued.

693c—Ohio Central Lines—Cont'd.

GENERAL FOREMEN—CONTINUED.

H. C. Rowley.....Bucyrus, O
A. Smith.....Fultonham, O
A. E. Winzenreid, (Car Dept.).....Columbus, O
C. V. Elberson, For. Paint..Bucyrus, O
B. F. Fultz, For. Paint..... { Hobson, O., P. O. Middleport
ENGINEERING, BRIDGES & ROADWAY
J. A. Stocker, Ch. Eng.....Columbus, O
C. V. Bucher, Prin. Asst. Eng. "

DIVISION ENGINEERS.

E. A. Holtsbery.....Columbus, O
C. M. McVay.....Charleston, W. Va
G. H. Smith.....Bucyrus, O

ASSISTANT DIVISION ENGINEERS.

G. Bloom.....Charleston, W. Va
C. A. Geiger.....Bucyrus, O
E. G. Lane.....Columbus, O

SUPERVISORS BRIDGES & BUILDINGS.

J. Boler.....Bucyrus, O
J. W. O'Neil..... { Hobson, O. P. O. Middleport
O. St. Clair.....Kenton, O

SUPERVISORS.

E. C. Buhrer.....Kenton, O
J. L. Ferguson.....Charleston, W. Va
J. T. Fizer..... "
H. M. Fox.....Bucyrus, O
C. Murphy.....Marysville, O
J. R. Scofield.....Bucyrus, O
H. G. Snyder..... { Hobson, O., P. O. Middleport
J. E. Temple.....Fultonham, O
P. B. Welsh.....Columbus, O

SIGNAL DEPARTMENT.

F. B. Wiegand, Sig. Eng...Cleveland, O
B. J. Schwendt, Asst. Sig. Eng..... "
O. Falkenstein, Supvr. Sig. Columbus, O

694—

695—NEW YORK, CHICAGO & ST. LOUIS R. R. CO., THE

1,696 Mls, 503 Loco, Cars: 22,938 Frt, 170 Pass, 906 Misc

Mileage also shown separately for each District.

Cleveland address, Prospect Ave. & East 2nd St.

Indianapolis address, Washington & Noble Sts.

Toledo address, Erie & Krause Sts.

EXECUTIVE FINANCIAL AND LEGAL.

M. J. VanSweringen, Chmn. Cleveland, O
J. J. Bernet, Pres..... "
✪W. L. Ross, Sr. V.-Pres.....Toledo, O
J. R. Nutt, V.-Pres.....Cleveland, O
C. L. Bradley, V.-Pres..... "
C. E. Denney, V.-Pres. & Gen. Mgr..... "
W. A. Colston, V.-Pres. & Gen. Coun..... "
G. S. Ross, Sec. & Asst. to Pres. "
W. J. Bergen, Eng. Asst. to Pres..... "
J. H. Agate, Asst. Gen. Coun. "
W. J. Stevenson, Asst. Gen. Coun. & Gen. Solr. (N. P. Dist.)..... "

GENERAL SOLICITORS.

J. B. Cockrum (L. E. & W. Dist.).....Indianapolis, Ind
W. A. Eversman (C. L. Dist.)..Toledo, O
W. F. West, Asst. Gen. Solr. (N. P. Dist.).....Cleveland, O
E. M. Smith, Gen. Land & Tax Atty..... "
C. C. Collister, Gen. Atty.. "
E. E. Gann, East. Coun..Washington, D. C
E. M. Mann, Ch. Clm. Agt. & Ch. Safety Agt.....Cleveland, O
F. M. Thompson, Clm. Agt. (C. L. Dist.).....Frankfort, Ind
W. J. Bergen, Valua. Eng..Cleveland, O
G. H. Maxwell, Valua. Eng. (L. E. & W. Dist.) Indianapolis, Ind
L. B. Williams, Treas.....Cleveland, O
R. G. Eberly, Asst. Treas.. "
M. J. Connell, Local Treas....Toledo, O

ACCOUNTING.

L. A. Bell, Compt.....Cleveland, O
R. Larmer, Compt. (C. L. Dist.).Toledo, O
C. L. Peckham, Asst. Compt... { Cleveland, O
A. W. Latham, Asst. Compt... { Cleveland, O
W. H. Elmendorf, Aud. Disb... "
C. H. Sellmann, Aud. Frt Accts. "
W. W. Cumberworth, Asst. Aud. Frt. Accts..... "
S. L. Hamilton, Aud. Pass. Accts. "
J. J. Kearney, Frt. Clm. Agt... "

695a—Nickel Plate District.

523 Mls. (Mileage also included in N. Y., C. & St. L. R. R., No. 695).

OPERATING.

✪C. E. Denney, V.-Pres. & Gen. Mgr..... { Cleveland, O
A. R. Ayers, Asst. Gen. Mgr.... "
A. C. Showalter, Gen. Supt.... "

DIVISION SUPERINTENDENTS.

C. E. Maxfield.....Cleveland, O
E. J. Parrish.....Buffalo, N. Y
A. D. Peters.....Chicago, Ill
O. Pierce.....Ft. Wayne, Ind
W. A. Collie, Supt. Trans..... { Cleveland, O
J. F. Durkin, Asst. Supt. Trans. { Cleveland, O
W. Bartley, Supt. Car Serv.... "
G. C. Todd, Supt. Tel..... "
J. J. Woods, Supvr. Stations... "
D. H. Clark, Ch. of Police..... "
Dr. J. M. Dinnen, Ch. Surg. Ft. Wayne, Ind

TRAFFIC.

B. E. Morgan, Traf. Mgr.....Cleveland, O
J. A. Fitzpatrick, Asst. to Traf. Mgr..... "
E. Kluever, G. F. A..... "
W. H. Cunningham, Asst. G. F. A..... Chicago, Ill
J. H. Day, Asst. G. F. A....Cleveland, O
R. A. Williamson, Asst G. F. A. "
C. A. Melin, Gen. East. P. A. Buffalo, N. Y
C. A. Asterlin, Gen. West. P. A. Chicago, Ill
W. J. Courtney, Ch. Tariff Bur.....Cleveland, O
F. J. Moore, Gen. Bag. Agt. & Supt. Dining Serv..... "
F. S. Olds, Gen. Live Stock Agent..... "

TRADE MARK
CROSBY

CROSBY
Railroad Appliances

TRADE MARK
CROSBY

The Most Efficient and Reliable None Their Equal

PRESSURE GAGES
AIR BRAKE GAGES
POP SAFETY VALVES
Plain and Muffled
JOHNSTONE BLOW-OFF VALVES
CHIME WHISTLES
AIR BRAKE RECORDING GAGES
WHEEL PRESS RECORDING GAGES
SPRING-SEAT GLOBE and ANGLE VALVES
STEAM ENGINE INDICATORS

BOSTON
NEW YORK

CHICAGO
LONDON
SAN FRANCISCO

CROSBY STEAM GAGE & VALVE CO.

NEW YORK, CHICAGO & ST. LOUIS Continued.

695a—Nickle Plate District—Cont.

PURCHASING.

¶W. P. Dittoe, Pur. Agt.....Cleveland, O
J. H. Nichols, Gen. Str. Kpr. "

MECHANICAL.

§ W. G. Black, Supt. M. P...Cleveland, O
E. A. Kuhn, Eng. M. P..... "
F. J. Herter, Eng. R. S..... "
J. S. Morris, Eng. Shops & Mach. "
T. C. Baldwin, M. M .....Chicago, Ill.
T. W. Coe, M. M .....Conneaut, O

ROAD FOREMEN OF ENGINES.

M. Robbins.....Ft. Wayne, Ind
J. J. Rossitter.....Conneaut, O
E. R. Trim..... "
J. W. Wells.....Ft. Wayne, Ind
A. J. Krueger, M. C. B....Cleveland, O
C. E. Trotter, Supvr. Loco. & Fuel Performance.... "
C. R. Childs, Air Brk. Supvr. "
W. Kirsch, Supvr. Elec. Appliances.....Chicago, Ill

SUPERINTENDENTS OF SHOPS.

F. G. Colwell..... .....Chicago, Ill
J. C. Miller.....Conneaut, O
S. T. McKee, Gen. Car Insp. Fostoria, O
A. O. Pugsley, Gen. Car Insp. Conneaut, O
G. F. Dennee, For. Paint...Chicago, Ill

ENGINEERING, BRIDGES & ROADWAY

A. C. Harvey, Ch. Eng.....Cleveland, O
J. C. Wallace, Asst. Ch. Eng. "
G. H. Tinker, Brdg. Eng.... "
H. Smith, Office Eng..... "
F. S. Hales, Eng. Trk ..... "
W. Rotroff, Gen. Rd. Mast.....Lima, O

DIVISION ENGINEERS.

W. H. Burrage.....Cleveland, O
A. M. Clark .....Ft. Wayne, Ind
W. Sprague.....Conneaut, O
H. L. Koch, Supvr. B. & B..Conneaut, O
E. W. Singer, Supvr. B. & B. Ft. Wayne, Ind

SUPERVISORS OF TRACK.

L. C. Case .....Buffalo, N. Y
W. S. Fife.....Bellevue, O
F. J. Parkhurst.....Ft. Wayne, Ind
G. W. Preston.....Cleveland, O
J. H. Oppelt, Supvr. Sig.....Cleveland, O
J. M. Schroeder, Sig. Insp. "
A. L. Shepard, Sig. Insp... "

695b—Lake Erie and Western Dist.

719 Mls. (Mileage also included in N. Y., C. & St. L. R. R., No. 695).

OPERATING.

✪C. E. Denney, V.-Pres. & Gen. Mgr.....Cleveland, O
A. R. Ayers, Asst. Gen. Mgr. "
F. J. DeGrief, Gen. Supt..... Indianapolis, Ind

DIVISION SUPERINTENDENTS.

E. S. Kirby.... .....Tipton, Ind
J. W. O'Brien.....La Fayette, Ind
A. J. Smith..... Muncie, Ind
H. L. Stoneclfer.....Lima, O
W. A. Collie, Supt. Trans..Cleveland, O
J. F. Durkin, Asst. Supt. Trans..... "
W. Bartley, Supt. Car Serv..Cleveland, O
G. C. Todd, Supt. Tel..... "
J. J. Woods, Supvr. Stats... "
Dr. J. M. Dinnen, Ch. Surg. Ft. Wayne, Ind

TRAFFIC.

B. E. Morgan, Traf. Mgr...Cleveland, O
L. L. Hyde, G. F. & P. A.... } Indian-
F. A. Curry, Asst. G. F. A.. } apolis, Ind
J. H. Day, Asst. G. F. A.....Cleveland, O
R. A. Williamson, Asst. G. F. A. "
R. C. Fiscus, Asst. G. P. A.....Indianapolis, Ind
W. J. Courtney, Ch. Tariff Bureau.....Cleveland, O
F. S. Olds, Gen. Live Stock Agt "

PURCHASING.

¶W. P. Dittoe, Pur. Agt.....Cleveland, O
M. B. Bowman, Str. Kpr.....Lima, O

MECHANICAL.

W. G. Black, Supt. M. P...Cleveland, O
E. A. Kuhn, Eng. M. P..... "
F. J. Herter, Eng. R. S..... "
J. S. Morris, Eng. Shops & Mach ..... "
J. J. Maginn, M. M.....Lima, O

ROAD FOREMEN OF ENGINES.

W. Baumberger..... .....Lima, O
R. E. Blick.....Peru, Ind
J. J. Hartman.....Rankin, Ill
E. H. Doherty, Gen. Supt. Shops..Lima, O
A. J. Krueger, M. C. B.....Cleveland, O
C. E. Trotter, Supvr. Loco. & Fuel Performance..... "
C. R. Childs, Air Brk. Supvr. "
W. Kirsch, Supvr. Elec. Appliances ... .Chicago, Ill
E. C. McGrievy, For. Paint.....Lima, O

ENGINEERING, BRIDGES & ROADWAY.

A. C. Harvey, Ch. Eng.....Cleveland, O
J. C. Wallace, Asst. Ch. Eng. "
C. R. Wright, Dist. Eng.....Indianapolis, Ind
G. H. Tinker, Brdg. Eng...Cleveland, O
F. S. Hales, Eng. Trk..... "
P. P. Lawrence, Supt. B. & B.. } Tipton,
H. F. Turnbell, Asst. Supt. B. & B. } Ind.
W. Rotroff, Gen. Rd. Mast.....Lima, O

ROAD MASTERS.

J. H. Dunn.....Tipton, Ind
J. A. Gard.....Bloomington, Ill
G. C. McCorkle.....Tipton, Ind
A. T. Wilkinson.....Lima, O
W. J. Siffin, Gen. For.....Muncie, Ind
H. Combs, Supvr. Sig.....Tipton, Ind

695c—Clover Leaf District.

454 Mls. (Mileage also included in N. Y., C. & St. L. R. R., No. 695).

OPERATING.

✪W. L. Ross, Sr. V.-Pres..... ..Toledo, O
D. F. Milne, Gen. Supt...Frankfort, Ind
C. E. Vornis, Asst. Supt.. "
W. A. Collie, Supt. Trans..... } Cleve-
J. F. Durkin, Asst. Supt. Trans. } land, O
W. Bartley, Supt. Car Serv..... "
E. R. Martz, Supt. Tel...Frankfort, Ind
Dr. J. M. Dinnen, Ch. Surg..Ft. Wayne, Ind

1 DOES THE WORK OF 28 AT THE COST OF 5

Castle Liberty No. 1 Hand Pump, Carbon Tetrachloride Type Three-Gallon Fire Extinguisher—non-freezing, non-damaging, full electrical resistance. Used by railroads, factories, etc., manufacturing or using electrical energy, oils, paints, varnishes, etc. On actual test ***one*** put out fire that 28 one-quart extinguishers couldn't control. It's Castle Liquid that does it!

Write for "Safety Always" telling the real story of Fire Extinguishing Liquids.

JAMES M. CASTLE, Inc., 1718 Vine Street, Philadelphia

Sales representatives desired in unoccupied territory.

GLOBE STEEL TUBES CO.

Boiler Tubes

Arch Pipes

Superheater Tubing

Safe Ends

Steel Bushings

MILLS: MILWAUKEE

NEW YORK, CHICAGO & ST. LOUIS—Continued.

695c—Clover Leaf District—Cont'd.

TRAFFIC.

J. W. Graham, Traf. Mgr.....Toledo, O
J. S. Henny, G. F. A..... "
J. T. Smith, Asst. G. F. A..St. Louis, Mo
C. E. Rose, G. P. A.....Toledo, O

PURCHASING.

¶R. M. Shepherd, Asst. to Sr. V.-Pres.....Toledo, O
C. N. Thacker, Str. Kpr. Frankfort, Ind
M. C. LaMar, Sta.....Toledo, O

MECHANICAL.

§ D. W. Cross, Supt. M. P.... } Frankfort,
T. Devaney, M. M..... } Ind.

ROAD FOREMEN OF ENGINES.

C. B. Summers.....Charleston, Ill
H. J. Truesdale.....Frankfort, Ind
A. S. Cook, Gen. Car For..Frankfort, Ind
L. Pedigo, For. Paint... "

ENGINEERING, BRIDGES & ROADWAY

F. R. Ramsey, Ch. Eng..... } Frankfort,
H. M. Hockman, Asst. Eng. } Ind.
J. B. Kelly, Supvr. B. & B.... "

ROAD MASTERS.

F. G. Davey.....Delphos, O
J. T. McIntosh.....Ramsey, Ill
O. C. McIntosh.....Charleston, Ill
W. C. Ruby.....Frankfort, Ind
J. Fultz, Sig. Supvr.....Frankfort, Ind

695d—NEW YORK CONNECTING R. R.

20 Mls. Equipment owned: none

E. G. Buckland, Pres..New Haven, Conn
A. J. County, Asst. to Pres.....Philadelphia, Pa
W. W. Atterbury, V.-Pres. "
A. E. Clark, Sec.....New Haven, Conn
A. S. May, Treas..... "
H. S. Palmer, Compt..... "

695e—NEW YORK DOCK RY.

11 Mls, 7 Loco

New York address, 44 Whitehall St.
Brooklyn address, Ft. of Joralemon St.

D. L. Tilly, V.-Pres. & Traf. Mgr.....New York, N. Y
V. A. Wheeler, Treas..... "
★H. B. Whipple, Gen. Mgr. Brooklyn, N. Y
T. C. Morrison, Aud..... "
W. F. Wentz, Supt. Trans. "
¶G. E. Fenniman, Pur. Agt. "
L. E. Driver, Eng..... "

696—NEW YORK, NEW HAVEN & HARTFORD R. R. CO., THE

1,906 Mls., 1,235 Loco. (including 122 Elec.),
Cars: 34,625 Frt, 2,494 Pass, 1,922 Misc

New York address, Grand Central Term.

EXECUTIVE, FINANCIAL AND LEGAL.

E. J. Pearson, Pres. } New Haven, Conn
Boston, Mass.
Edw. G. Buckland, V.-Pres. (Fin., Law & Corp. Rel.) } New Haven, Conn.
B. Cambell, V.-Pres..... "
A. P. Russell, V.-Pres. (R. E., Tax, Valua. & Pub. Rel.)..... } Boston, Mass
New Haven, Conn.
¶N. M. Rice, V.-Pres. (Pur. & Strs.)..... "
R. H. Newcomb, Asst. to V.-Pres.....Boston, Mass
A. E. Clark, Sec..... } New Haven,
C. H. Hempstead, Asst. } Conn.
Sec..... "
W. H. Rowland, 2d Asst. Sec. "
A. S. May, Treas..... "
T. F. Paradise, Asst. Treas. "
A. W. Bowman, Asst. Treas. "
W. S. Rathbun, Gen. Asst..New York, N. Y
B. I. Spock, Gen. Coun.... } New Haven,
W. L. Barnet, Asst. Gen. } Conn.
Coun..... "
N. S. Buckingham, Asst. Gen. Coun..... "
J. M. Gibbons, Gen. Atty. New York, N. Y
C. M. Sheafe, Jr., Gen. Solr. "
A. A. Maxwell, Comr..... } New Haven,
Avery Clark, Asst. Comr. } Conn.
R. M. Wilson, R. E. Agt.... Boston, Mass
H. R. Allsworth, R. E. Agt. } New Haven,
W. F. Hickey, Supt. Ins. } Conn.

ACCOUNTING.

H. S. Palmer, Compt..... } New Haven,
T. M. Prentice, Asst. to } Conn.
Compt..... "
W. L. Spicer, Asst. to Compt. "
G. T. Carmichael, Gen. Aud. "

AUDITORS.

J. E. Baldwin. (Disb.).... } New Haven,
A. Mackrille (Rev.)..... } Conn.
A. R. Down (Pass. Rec.)... "
H. V. Clemens (Frt. Rec.).. "
A. A. Drummond (Asst. Frt. Rec.)..... "
F. H. Palmer (Misl. Accts.) "
R. H. Palmer (Local & Overcharge Clms) .....Boston, Mass
G. H. Nero (S. S. Accts.). New Haven, Conn

TRAFFIC.

B. Campbell, V.-Pres. New Haven, Conn

PASSENGER.

F. C. Coley, Pass. Traf. Mgr.....New Haven, Conn
E. L. Wilson, Asst. Pass. Traf. Mgr.....Boston, Mass
W. P. Read, G. P. A..New Haven, Conn

ASST. GENERAL PASSENGER AGENTS.

W. A. Potts.....New Haven, Conn
N. A. Shaw.....New York, N. Y
C. F. Arnold, New England Pass. Agt.....Boston, Mass
G. A. Morton, Gen. Bag. Mail & Exp. Agt.... New Haven, Conn
E. R. Dodge, Asst. Gen. Bag., Mail & Exp. Agt. "

FREIGHT.

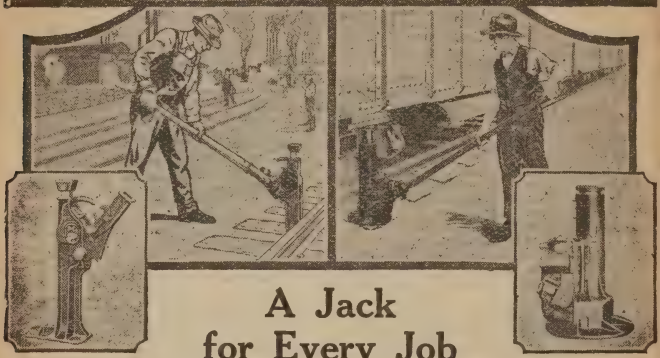
G. M. Wood, Frt. Traf. Mgr } New Haven,
F. P. Kinney, G. F. A..... } Conn.

ASST. GENERAL FREIGHT AGENTS.

J. A. Beahan.....New Haven, Conn
J. E. McGrath.....Boston, Mass
J. E. Redman..... ....New York, N. Y
H. L. Sheffield.....New Haven, Conn
J. P. Branagan, Gen. West. Frt. Agt..... ...Pittsburgh, Pa
L. Hatfield, Gen. So. Frt. Agt. Atlanta, Ga
R. Hackett, West. Frt. Traf. Mgr..... Chicago, Ill

STANDARD COUPLERS
STANDARD STEEL PLATFORMS
SESSIONS-STANDARD FRICTION DRAFT GEAR
Made by Standard Coupler Co. 110 East 42d St., N.Y.

DUFF JACKS



A Jack for Every Job

DUFF JACKS are used by railroads all over the world, for every purpose that requires a reliable, rapid, and easily operated lifting tool.

The Duff makers have been manufacturing jacks exclusively for 38 years and they have learned exactly what conditions must be met in every class of railway service.

Whether for laying or repairing track, or for lifting cars, locomotives, or bridges, there is a Duff Jack that is best fitted for the job. Write us for complete information.

THE DUFF MANUFACTURING CO.

GENERAL OFFICES and WORKS: PITTSBURGH

DUFF

696—NEW YORK, NEW HAVEN & HART'D—Cont'd

OPERATING.

J. A. Droege, Gen. Mgr. New Haven, Conn

ASSISTANTS TO GENERAL MANAGER.

G. Marks.....New Haven, Conn
E. B. Perry..... "
C. N. Woodward..... "

GENERAL SUPERINTENDENTS.

R. D. Fitzmaurice.....Boston, Mass
W. H. Foster.....New York, N. Y
E. E. Regan.....New Haven, Conn

SUPERINTENDENTS.

H. E. Astley.....Boston, Mass
H. E. Baily.....Harlem River, N.Y
J. W. Cuineen.....Danbury, Conn
J. H. Loflan (Marine). Harlem River, N.Y
C. A. Mitchell.....Hartford, Conn
H. A. Moynihan.....Taunton, Mass
G. A. Poore.....Providence, R. I
R. M. Smith.....New Haven, Conn
J. J. Snavely.....Waterbury, Conn
W. T. Spencer.....Boston, Mass

ASSISTANT SUPERINTENDENTS.

J. F. Doolan.....New Haven, Conn
R. O'Hanley.....Boston, Mass
H. J. Reynolds.....New York, N. Y
W. King, Frt. Clm. Agt....Boston, Mass
A. G. Webb, Supt. Din. Cars. "
H. A. Shepard, Gen. Supt. Elec. Transmission & Communication..... New Haven, Conn.
B. F. Bardo, Supt. Elec. Transmission..... "
L. F. Shea, Supt. Communication "
R. S. Winn, Supvr. Communication "
E. S. Burlingham, Supvr. Communication.....Providence, R. I
F. W. Mitchell, Dir. Personnel. J. O. Halliday, Mgr. Trans.... A. F. Currier, Asst. to Mgr. Trans. New Haven, Conn.
J. A. Cunningham, Supvr. Trans. "
G. G. Butler, Supt. Frt. Trans.. "
E. J. Mather, (Pass. Asst.) ..... "
J. E. Murphy, Supt. Car Serv... "

PURCHASING AND STORES.

¶N. M. Rice, V.-Pres..... New Haven, Conn.
C. R. Painter, Asst. to V.-Pres..... "
E. H. Price, Gen. Str. Kpr... "
F. I. Foley, Asst. Gen. Str.. "
Kpr..... "
M. D. Crowley, Trav. Str. Kpr "

DIVISION STORE KEEPERS.

E. B. Burns.....Maybrook, N. Y
B. C. Hart.....Readville, Mass
N. M. Keating.....Taunton, Mass
H. V. Pembleton.....Van Nest, N. Y
J. L. Qualters.....Providence, R. I
J. A. Trudel.....Danbury, Conn
T. F. Whalen.....East Hartford, Conn

J. F. Manning, Fuel Agt.. H. A. Marshall, Sta..... New Haven, Conn.
J. R. Enscoe, Supt. Recl. Plant.....South Braintree, Mass

MECHANICAL.

W. L. Bean, Mech. Mgr... H. P. Hass, Asst. to Mech. Mgr..... New Haven, Conn.
G. A. Moriarty, Gen. Mech. Supt. "
A. A. Harris, Mech. Supt... "
A. L. Ralston, Mech. Supt. Van Nest, N.Y
F. E. Ballda, Mech. Supt...Boston, Mass
J. C. Hassett. Mech. Eng. K. Cartwright, Asst. Mech. Eng..... New Haven, Conn.
V. L. Jones, Asst. Mech. Eng. "

ASSISTANTS TO MECH. ENGINEER.

J. A. Chambers..... C. L. Hartshorn (Power Plants)..... New Haven, Conn.
G. A. Merrick..... "
F. T. Quinlan, Eng. Tests.....New Haven, Conn

DIVISION MASTER MECHANICS.

C. W. Booth.....Providence, R. I
D. P. Carey.....Boston, Mass
W. H. Dellert.....Harlem River, N. Y
H. W. Maxwell.....Boston, Mass
J. McIntosh.....Danbury, Conn
F. W. Nelson.....Waterbury, Conn
O. H. Ritter.....New Haven, Conn
W. R. Sederquest.....Taunton, Mass
W. G. Squires.....Hartford, Conn

SUPERINTENDENTS OF SHOPS.

E. J. Ball (Act.).....Van Nest, N. Y
J. W. O'Meara.....New Haven, Conn
J. C. Reid.....Readville, Mass
D. F. Willey, Asst. to Supt. Shops.....Readville, Mass
W. C. Shove, Gen. Fuel Supvr.....New Haven, Conn

FUEL SUPERVISORS.

C. M. Burr.....Hartford, Conn
D. C. Haskins.....Boston, Mass
A. E. Place.....Providence, R. I
C. L. Peterson, Gen. Supvr. Power Sta..... New Haven, Conn.
A. J. Devlin, Gen. Supvr. Prod..... "
M. A. Foss, Supvr. Boiler Insp. & Maint..... "
J. P. Egan. Supt. Car Insp. & Maint..... "

ASST. SUPERVISORS CAR INSPECTION.

B. O. Brown.....Boston, Mass
P. J. Hogan.....New Haven, Conn

G. E. Terwilliger, Supvr. Aux. Equip..... New Haven, Conn.
J. E. Steele, Asst. Supvr. Aux. Equip..... "
D. C. Bacon, Supvr. Auto. Equip. "
F. N. Crowell, Air Brk. Insp. "
H. G. Rand, Air Brk. Insp...Boston, Mass
S. Cook, Air Brk. Insp...Stamford, Conn

GENERAL INSPECTORS.

P. F. Bergman (Train Control Insp.)..... New Haven, Conn.
J. T. Paight (Welding Insp.). "
D. Vaughn (Loc. Tool Insp.). "
F. Zimkowski (Car Lgt. Insp.). "
W. Hurst, Shop & Tool Spec. J. J. Donovan, Gen. Loco. For Readville Mass.
A. C. Meyer, Gen. Car For... "

CHIEF MECHANICAL INSPECTORS.

W. H. Caswell (Shop)..Readville, Mass
W. T. Jones (Lines West) E. B. Pearl (Shop)..... New Haven, Conn.
J. E. Sheehan.....Readville, Mass
N. R. Yorke (Lines East)..Boston, Mass

TEXACO

For Railroad Lubrication

Use Texaco Lubricants;
Texaco Expert Service.

There's a
TEXACO LUBRICANT
that's right
for Every
Purpose.

Equipment Lubricants, Shop Lubricants,
Signal and Burning Oils,
Illuminating Oils, Gasoline, Etc.

THE TEXAS COMPANY

Houston New York Chicago
Alanta New Orleans St. Louis

696—NEW YORK, NEW HAVEN & HART'D—Cont'd

A. L. Liepold, Ch. Insp. Elec. Equip.....Stamford, Conn
A. C. Boyle, For. Paint...Readville, Mass

ENGINEERING, BRIDGES & ROADWAY

E. Gagel, Ch. Eng..... } New Haven,
I. D. Waterman, Asst. Ch. } Conn.
Eng..... "
H. L. Ripley, Corp. & Valua. Eng.....Boston, Mass
P. R. Leete, Asst. Valua. Eng. "
P. B. Spencer, Eng. Struct. } New Haven,
F. J. Pitcher, Asst. Eng.. } Conn.
Struct..... "
W. T. Dorrance, Designing Eng..... "
G. F. Hand, Gen. Asst. Eng.. "
H. R. Westcott, Recording Eng..... "
A. S. Tuttle, Eng. Const...Boston, Mass

ASST. ENGINEERS OF CONSTRUCTION.

H. H. Brett.....Boston, Mass
H. E. Brink.....New Haven, Conn
G. W. Buxton.....Providence, R. I
W. H. Law..... "
N. W. Littlefield, Jr. .....Boston, Mass
C. T. Lyon.....New Haven, Conn
A. C. E. Mullen.....New York, N. Y

S. Withington, Elec. Eng. } New Haven
H. F. Brown, Asst. Elec. Eng } Conn.
G. T. Johnson, Asst. Elec. Eng. "
R. L. Pearson, Eng. M. W.... "
P. Sterling, Asst. to Eng. M. W. "
F. A. Rogers, Elec. Supvr.... "
F. F. Zavatkay, Supvr. Wk. Equip..... "

MAINTENANCE ENGINEERS.

E. E. Oviatt.....New Haven, Conn
W. D. Warren.....Boston, Mass
C. F. Yardley.....Harlem River, N. Y

DIVISION ENGINEERS.

A. L. Bartlett.....Boston, Mass
R. J. Bieth.....Waterbury, Conn
G. W. Curtiss (Asst.).New Haven, Conn
F. H. Ellsworth.....Hartford, Conn
H. F. Fifield.....New Haven, Conn
J. H. Gallivan..... .....Boston, Mass
S. A. Kinzle.....Taunton, Mass
T. P. Polson (Asst.).....Danbury, Conn
C. D. Perkins..... "
J. S. Ruff.....Providence, R. I

ASSISTANT ENGINEERS.

C. L. Beeler.....New Haven, Conn
J. B. Bell..... "
A. G. Clarke.....Hartford, Conn
G. P. Elliott..... Danbury, Conn
H. L. Farrell.....Harlem River, N. Y
H. J. Harvey.....Taunton, Mass
W. P. Mackenzie.....New Haven, Conn
G. Parr... .....Providence, R. I
C. D. Prentice.....Waterbury, Conn
J. A. Robertson.....Boston, Mass
H. A. Soule..... "

G. A. Rodman, Gen. Supvr. B. & B.....New Haven, Conn

BRIDGE & BUILDING SUPERVISORS.

Eldridge E. Candee..New Haven, Conn
Elliott E. Candee.....Waterbury, Conn
P. Crosby.....Danbury, Conn
A. D. Gillis.....Providence, R. I
F. A. Keen .....Harlem River, N. Y
W. V. Lattin.....Hartford, Conn
J. S. Lowe.....Boston, Mass
A. G. McKay.....New London, Conn
J. L. Rippey.....Taunton, Mass
J. J. Wishart.....Boston, Mass

TRACK SUPERVISORS.

C. Armstrong.....Franklin, Mass
M. M. Barrett.....Middleboro, Mass
E. O. Carlson....South Braintree, Mass
E. Conley.....Hartford, Conn
A. A. Cross.....Framingham, Mass
G. A. DeMore .....New Haven, Conn
P. Dougherty.....Harlem River, N. Y
C. S. Flandreaux.....Providence, R. I
C. Friel..... "
J. Gigliotti..... "
C. A. Haggerty.....Stamford, Conn
W. H. Haggerty.....Boston, Mass
P. J. Hurline.....Danbury, Conn
T. A. Londregan....New London, Conn
D. Maconi.....Putnam, Conn
M. C. Martin.....Bridgeport, Conn
M. B. McArdle..Great Barrington, Mass
J. A. McIsaac.....Taunton, Mass
G. W. Morrow.....New Haven, Conn
J. M. O'Connell. ..... "
H. O. Quigley.....Boston, Mass
J. M. Reardon.....Hartford, Conn
J. T. Reilly..... "
C. W. Rogers....South Braintree, Mass
J. H. Smith.....Waterbury, Conn
M. Sullivan.....Providence, R. I
W. F. Sullivan.....Taunton, Mass

SIGNAL DEPARTMENT.

C. H. Morrison, Sig. Eng. } New Haven,
G. W. Chappell, Asst. Sig. } Conn.
Eng..... "
W. F. Follett, Asst. Sig. Eng..... "
W. A. Ford, Ch. Draft..... "
R. E. Taylor, Off. Eng..... "
C. R. Somers, Circuit Eng. "

SIGNAL SUPERVISORS OF CONSTRUCTION.

A. Dobson.....Boston, Mass
W. Losaw.....New Haven, Conn

SIGNAL SUPERVISORS.

O. F. Dorward.....Harlem River, N. Y
O. Frantzen.....Boston, Mass
R. T. Moore..... "
J. C. O'Brien.....Hartford, Conn
F. H. Palmer.....Poughkeepsie, N. Y
J. Pilkington.....Taunton, Mass
E. W. Shea.....New London, Conn
E. E. Stone.....Waterbury, Conn
A. J. Warren.....New Haven, Conn
S. H. Wright.....Providence, R. I

SIGNAL INSPECTORS.

J. H. Boylett.....New Haven, Conn
T. P. Flavell..... "
N. T. Holbrook..... "

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York - Chicago

"Lewis Special"
Hollow Staybolts

Drilled from solid bars of Lewis Special—as fine an iron for staybolts as can be produced. This iron is made from carefully selected materials. (No scrap whatever is used). It is strong, tough and ductile, with a long silky fibrous structure. Tensile strength 48,000 to 52,000 lbs. per square inch; elastic limit, minimum 60%; elongation, minimum 30%; reduction, minimum 48%; meets A. S. T. M. Specifications (Serial A-84-21).

These hollow staybolts are self inspecting and will not split when heading, threading or driving. Carried in stock in all standard sizes and lengths for immediate shipment.

Write for descriptive bulletin and prices.

Shop Machinery

We manufacture a complete line of railroad shop machinery, including Lathes, Planers, Shapers, Drilling Machines, Milling Machines, Hammers, Friction Saws, Punches, Shears, Bending Rolls, Riveters, Flue Shop and Spring Shop Equipment, etc.

A bulletin on any particular machine will be mailed at your request.

A strong staff of experienced engineers is always available to assist you in selecting equipment and planning your shop layout.

JOSEPH T. RYERSON & SON INC.

CHICAGO MILWAUKEE ST. LOUIS CINCINNATI DETROIT BUFFALO NEW YORK

RYERSON

697—NEW YORK, ONTARIO & WESTERN RY. CO.

569 Mls, 179 Loco, Cars: 5,319 Frt, 371 Pass, 310 Misc
New York address, Grand Central Term.

EXECUTIVE, FINANCIAL AND LEGAL.

J. B. Kerr, Pres. ..... New York.
R. D. Rickard, V.-Pres. Sec. & Treas. ..... N. Y.

J. H. Nuelle, V.-Pres. & Gen. Mgr. ..... Middletown, N. Y
J. M. Fleming, Asst. Sec. & Transfer Agt. ..... New York. N. Y.
W. F. Mathieson, Asst. Sec. & Treas. ..... "
A. L. Parmelee, Asst. Treas. .. "
C. L. Andrus, Gen. Coun. .... "
G. Marsden, Tax & Clm. Agt. ..... Middletown, N. Y

ACCOUNTING.

G. M. Beggs, Aud. Rev. & Disb. ..... New York. N. Y.
W. C. Startup, Aud. Frt. & Pass. Accts. ..... "

TRAFFIC.

J. B. Stewart, Traf. Mgr. .. New York.
G. L. Robinson, G. P. A. .... N. Y.
C. B. McManus, G. F. A. .... "
E. J. Lillis, Frt. Clm. Agt. .... "
W. M. Tiel, Gen. Bag. & Div. Frt. & Pass. Agt. .... Middletown, N. Y
H. J. Cox, Ch. Tariff Insp. .. "
L. D. Greene, Agri. Agt. ..... "

OPERATING.

J. H. Nuelle, V.-Pres. & Gen. Mgr. Middletown.
F. X. Soete, Asst. to Gen. Mgr. Middletown.
A. C. Reynolds, Supt. Car Serv. N. Y.
N. L. Satchell, Safety Agt. ..... "
B. F. Hanfield, Supt. Floating Equip. .... Weehawken, N. J

DIVISION SUPERINTENDENTS.

W. S. Badger (Asst.) ..... Childs, Pa
W. D. McQueen .. .... Middletown, N. Y
W. A. Wood ..... Norwich, N. Y

PURCHASING.

¶C. A. Draper, Pur. Agt. .. New York, N. Y
A. Riley, Asst. Pur. Agt. ..... "

MECHANICAL.

B. P. Flory, Supt. M. P. .... Middletown, N. Y
W. H. Davis, Mech. Eng. ....

MASTER MECHANICS.

F. J. Barry ..... Childs, Pa
E. J. Craig ..... Middletown, N. Y
W. W. Daley ..... Norwich, N. Y

ROAD FOREMEN OF ENGINES.

F. H. Davis ..... Mayfield, Pa
H. S. Ryder ..... Middletown, N. Y

GENERAL FOREMEN.

C. V. Fryer (Car Shop) ... Middletown, N. Y.
W. H. Funnell (Loco. Shops) ..... "
A. Kipp, Gen. Car Insp. .. Middletown, N. Y.
A. R. Green, Asst Gen. Car Insp. ..... "
G. S. Mikles, Fuel Supvr. .. "
A. H. F. Phillips, For. Paint "

ENGINEERING BRIDGES & ROADWAY

W. C. Heidenthal Eng. M. W. ..... Middletown, N. Y.
F. J. Meyer, Asst. Eng. .... "
D. W. Fagley, Jr., Asst. Eng. Norwich, N. Y

ROAD MASTERS.

F. L. Cagwin ..... Childs, Pa
M. Finigan ..... Norwich, N. Y
T. Moran ..... Walton, N. Y
I. D. Talmadge ..... Middletown, N. Y

SUPERVISORS TRACK.

J. J. Egan ..... Oneida, N. Y
H. H. Hahn ..... Ellenville, N. Y

SIGNAL AND ELECTRICAL.

G. H. Caley, Elec. & Sig. Eng. ..... Middletown, N. Y
C. Tracey, Sig. Supvr. .. High View, N. Y

MAINTENANCE FOREMEN.

L. F. Benedict ..... Middletown, N. Y
F. B. Crane ..... South Fallsburgh, N. Y
F. R. McMillen .. Livingston Manor, N. Y
L. A. Nicholson ..... Norwich, N. Y
H. H. Shannon ..... Childs, Pa

T. G. Staples, Gen. Elec. Insp. ..... Middletown, N. Y
O. E. Yachmann, Elec. For. "
F. H. Wheeler, Elec. For. .. Norwich, N. Y

698—NEW YORK, SUSQUEHANNA & WESTERN R. R. CO.

SUSQUEHANNA CONNECTING R. R.
WILKESBARRE & EASTERN R. R.

221 Mls, 63 Loco, Cars: 2,555 Frt, 91 Pass, 49 Misc
For officials see Erie R. R., No 322.

699—NEW YORK, WESTCHESTER & BOSTON RY. CO. (Electric).

23 Mls, 2 Loco, Cars: 5 Frt, 55 Pass
New York address, 481 Morris Park Ave.

L. S. Miller, Pres. ..... New York, N. Y
A. E. Clark, Sec. ..... New Haven, Conn
A. S. May, Treas. ..... "
¶G. W. Carver, Asst. Sec. & Asst. Treas. ..... New York, N. Y.
G. S. Graham, Gen. Coun. .... "
C. L. Nagle, Aud. ..... "
F. H. Richtmyer, G. F. & P. A "
P. W. J. Smith, Supt. ..... "
J. T. Hamilton, M. M ..... "
C. Miller, Rd. Mast. ..... "

699a—NEZPERCE & IDAHO R. R. CO.

14 Mls, 1 Loco, Cars: 2 Frt, 1 Pass

G. J. Magenheimer, Pres. .. Los Angeles, Cal.
C. E. Magenheimer, V.-Pres. ..... "
P. W. Mitchell, Sec. ..... Nezperce, Ida
E. C. Jensen, Treas. .. Los Angeles, Cal
¶★✠✪C. F. Thomas, Supt. .. Nezperce, Ida

699b—NIAGARA GORGE R. R. CO. (Electric).

13 Mls, Cars: 53 Pass, 18 Mis

✪A. H. Schoellkopf, Pres. .... Niagara Falls, N. Y
★✠R. R. Coddington, V.-Pres.
A. D. Robb, V.-Pres. ..... "
C. A. Tattersall, Sec. ..... "
W. P. Little, Treas. ..... "
M. Cohn, Jr., Gen. Coun. ..... "
H. L. Murdock, Gen. Aud. .... "
L. H. Jones, Traf. Mgr. & G. F. A. "
E. A. Nicklis, Gen. Supt. ..... "
¶W. A. Haun, Pur. Agt. ..... "

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

"From Mine to Market"

WHEELING STEEL

REG. U. S. PAT. OFF.

Billets and Slabs
Sheared Plates
Black, Blue Annealed and Galvanized Steel
Plates
Roofings
Tin and Terne Plates
Tie Plates
Wire

From Mine to Market, Wheeling Steel products are produced entirely in Wheeling plants, under one standard of Quality. They will serve you well. Inquiries given prompt attention.

WHEELING

STEEL CORPORATION

WHEELING, W. VA.

700—NIAGARA JUNCTION RY. (Electric).

25 Mls, 5 Loco (Elec), Cars: 16 Frt, 2 Misc

P. A. Schoellkopf, Pres..... } Niagara
A. D. Robb, Asst. to Pres.... } Falls, N.Y
★A. H. Schoellkopf, V.-Pres. & Gen. Mgr..... "
M. Cohn, Jr., V.-Pres..... "
F. L. Lovelace, Sec..... "
C. W. Pierce, Asst. Sec..... "
W. P. Little, Treas..... "
F. J. Brett, Asst. Treas..... "
H. L. Murdock, Aud ..... "
R. R. Coddington, Gen. Supt. "
G. H. Carney, Car Serv. Agt. "
¶W. A. Haun, Pur. Agt..... "
B. F. Lee, Ch. Eng ..... "

—†NIAGARA, ST. CATHARINES & TORONTO RY.

See Canadian Nat. Rys., No. 157d.

—† NICKEL PLATE ROAD.

See N. Y., C. & St. L. R. R., No. 695.

701—702—

703—NORFOLK & PORTSMOUTH BELT LINE R. R. CO., THE

28 Mls, 20 Loco. Cars owned—none.

G. S. Shafer, Pres. ..... Norfolk, Va
A. C. Needles, V.-Pres.... Roanoke, Va
¶W. C. Riday, Sec. & Aud... Norfolk, Va
W. A. Shafer, Treas..... "
T. H. Williamson, Supt. Portsmouth, Va
M. A. Moore, Asst. Supt. "
H. H. Parker, M. M.... "
A. B. Pleasants, Ch. Eng... Norfolk, Va

704—

705—NORFOLK & WESTERN RY. CO.

2,242 Mls, 1,007 Loco, Cars: 45,320 Frt, 482 Pass, 2,763 Misc

EXECUTIVE, FINANCIAL AND LEGAL.

✪A. C. Needles, Pres..... } Roanoke,
¶C. S. Churchill, V.-Pres..... } Va.
W. J. Jenks, V.-Pres..... "
B. W. Herrman, V.-Pres.... "
E. H. Alden, V.-Pres. (Fin.).. } Philadel-
I. W. Booth, Sec. & Asst. Treas. } phia, Pa
L. W. Cox, Asst. Sec..... "
J. B. Lacy, Treas..... Roanoke, Va
W. S. Hurt, Asst. Treas.... "
T. W. Reath, Gen. Coun.. Philadelphia, Pa
F. M. Rivinus, Gen. Solr. "
L. H. Cocke, Gen. Atty.... Roanoke, Va
L. H. Cocke, Jr., Asst. Gen. Atty. "
J. F. Snyder, R. E. Agt.... "

VALUATION ENGINEERS.

J. Feild..... Roanoke, Va
C. F. Losh..... "

ACCOUNTING.

W. H. Wilson, Compt..... Roanoke, Va
G. Vaughan, Asst. to Compt. "
J. M. Rodgers, Gen. Aud... "
J. C. Cooke, Aud. Frt. Rec. "
C. E. Harris, Aud. Pass. Rec. "
W. A. Gibbons, Aud. Sta. Accts. "
D. W. Reed, Aud. Overcharge Clms..... "
I. V. Jessee, Aud. Disb..... "
W. B. Moss, Statistician... "
B. F. Pence, Tax & Ins. Agt.

TRAFFIC.

B. W. Herrman, V.-Pres.... Roanoke, Va
J. R. Ruffin, Frt. Traf. Mgr. "
G. F. Butler, G. F. A..... "

ASST. GENERAL FREIGHT AGENTS.

W. A. Huse..... Roanoke, Va
F. H. Pitman..... "
G. C. Van Zandt..... "
J. H. Wilson..... Roanoke, Va
W. C. Saunders, Pass. Traf. Mgr..... Roanoke, Va
J. L. Bladon, G. P. A..... "
C. H. Johnson, Asst. G. P. A.. Cincinnati, O
O. W. Cox, Gen. Coal Frt. Agt..... Roanoke, Va
F. S. Baird, Coal Frt. Agt.. "
T. G. Wood, Agri. Agt. ... "

OPERATING.

W. J. Jenks, V.-Pres..... } Roanoke,
J. E. Crawford, Gen. Mgr... } Va.
G. E. Bruch, Asst. to Gen. Mgr. "
W. R. Dawson, Asst. to Gen. Mgr..... "
J. T. Carey, Gen. Supt..... "
H. C. Weller, Gen. Supt. Bluefield, W. Va

DIVISION SUPERINTENDENTS.

L. C. Ayers..... Roanoke, Va
W. O. Franklin..... Bluefield, W. Va
A. S. Payne..... Crewe, Va
D. F. Peters..... Portsmouth, O
R. H. Smith..... Roanoke, Va

ASST. DIVISION SUPERINTENDENTS.

W. L. Anglin..... Portsmouth, O
J. R. Derrick..... Roanoke, Va
J. F. McMullan..... Portsmouth, O
H. T. Reinicker..... Crewe, Va
B. L. Thompson (Term.) ..... } Lambert Pt., Va
} P. O. Norfolk
W. O. Tracy..... Bluefield, W. Va
C. H. Blakemore, Supt. Safety } Roanoke,
W. S. Battle, Jr., Gen. Clm. Agt } Va.
J. B. Baskerville, Asst. Gen. Clm. Agt..... "
D. E. Spangler, Gen. Supt. Trans..... "
E. S. Moore, Supt. Trans..... "
J. R. Talbott, Supt. C. S..... "
W. H. Hayes, Supt. Din. Cars. "
G. W. Jett, Supt. Tel..... "
J. L. George, Asst. Supt. Tele. "
W. B. Houchins, Supt. Term.... "
W. H. Johnson, Supt. Term.. Norfolk, Va
G. Dunglinson, Jr., Mgr. Fuel Dept..... Bluefield, W. Va
Dr. S. S. Gale, Ch. Surg.... Roanoke, Va

PURCHASING.

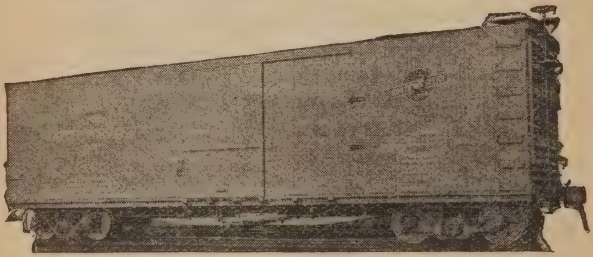
¶C. S. Churchill, V.-Pres... Roanoke, Va
¶C. Cocke, Pur. Agt..... "
J. W. Wade, Gen. Str. Kpr. "

STORE KEEPERS.

C. A. Buskey..... } Lambert Pt., Va
} P. O. Norfolk
V. E. Elliott..... Crewe, Va
F. E. Huff (Trav.)..... Roanoke, Va
J. M. Lowe..... "
H. H. Roush..... Columbus, O
A. D. Stewart..... Bluefield, W. Va
C. P. Sutherland..... Portsmouth, O
W. N. Montgomery, Sta... Roanoke, Va
B. B. Crueger, Supvr. Mtls. "

DESIGNERS AND BUILDERS OF RAILWAY CARS

Sixteen plants with modern equipment for building all types of cars—passenger, freight, tank, mine, etc.



AMERICAN CAR AND FOUNDRY CO.

New York **Chicago** **St. Louis**

705—NORFOLK & WESTERN—Continued.

MECHANICAL.

A. Kearney, Supt. M. P. .... } Roanoke, Va.
R. G. Henley, Asst. to Supt. M. P. } "
J. A. Pilcher, Mech. Eng. .... "
H. W. Coddington, Eng. Tests. "
J. J. Barry, Gen. M. M. .... "

MASTER MECHANICS.

J. L. Barry.....Bluefield, W. Va
R. L. Black..... } West Roanoke, Va
W. Budwell..... } P. O. Roanoke
O. F. Hark.....Portsmouth, O
W. J. Yingling.....Crewe, Va

ROAD FOREMEN OF ENGINES.

L. H. Blankenship.....Roanoke, Va
J. N. Clore..... "
J. O. Clendenen..... "
C. L. Fink.....Portsmouth, O
H. F. Henson.....Crewe, Va
J. S. Mastin.....Bluefield, W. Va
C. D. Maxey.....Norfolk, Va

ASST. ROAD FOREMEN OF ENGINES.

E. C. Carey.....Bluefield, W. Va
A. A. Edmonston.....Portsmouth, O
S. H. Elliott.....Roanoke, Va
K. F. Foley..... "
W. J. Friedell.....Shenandoah, Va
F. W. Goetz.....Portsmouth, O
A. J. Graham.....Bluefield, W. Va
W. R. James.....Crewe, Va
J. W. Kitts.....Bluefield, W. Va
W. Leaneave.....Portsmouth, O
J. Shelton.....Bluefield, W. Va
R. W. Smiley.....Roanoke, Va
M. P. Smith.....Portsmouth, O
H. B. Watts.....Roanoke, Va
C. P. Taylor, Elec. Eng. .... } Roanoke, Va.
J. H. Gibboney, Chemist .... }
R. H. Dyer, Gen. Car insp. .... "

DIVISION CAR INSPECTORS.

E. Farris.....Roanoke, Va
G. D. Minter.....Portsmouth, O
J. M. Sammons.....Bluefield, W. Va
J. O. Looney, Gen. Air Brk. Insp. } Roanoke, Va.
J. A. Doarnberger, Master Boilermaker..... "
B. Cook, Mech. Insp. .... "
H. F. Greenwood, Supt. Shops "
S. P. Seifert, Supt. Car Dept. .. "
I. N. Mosley, Gen. For. Foundry..... "
H. F. Staley, Gen. For. Loco. Dept..... "

GENERAL FOREMEN.

T. L. Brown. .... } Lambert Point, Va
} P. O. Norfolk.
R. J. Cousins (Elec. Equip) ..... } Bluestone, W. Va
} P. O. Bluefield.
F. R. Forrest.....Bluefield, W. Va
R. Gable..... } West Roanoke, Va
} P. O. Roanoke.
F. L. Gardner.....Portsmouth, O
J. T. Heidler.....Kenova, W. Va
C. M. Jenelle.....East Radford, Va
J. L. Kennedy.....Bristol, Va
C. A. Reinhard.....Williamson, W. Va
F. D. Veazey.....Columbus, O
J. R. Wheary.....Crewe, Va
F. L. Wysong.....Shenandoah, Va

FOREMEN.

H. G. Alley.....Petersburg, Va
J. W. Cox.....Lynchburg, Va
C. Crull..... } Clare, O.
} P. O. Newtown.
W. H. Dee.....Winston-Salem, N. C
L. Lefler.....Iaeger, W. Va
F. L. Lucas.....Pulaski, Va
H. B. McColgan.....Norton, Va
M. R. Rodgers.....Durham, N. C
J. Schneider.....Wilcoe, W. Va
W. H. Show.....Eckman, W. Va

M. Thierry, For. Paint.....Roanoke, Va

ENGINEERING, BRIDGES & ROADWAY

W. P. Wiltsee, Ch. Eng. ....Roanoke, Va
F. P. Turner, Prin. Asst. Eng. "
J. R. Schick, Eng. Branch Lines..... "
L. L. Kelly, Bridge Eng. .... "
J. B. Catron, Gen. Brdg. Insp. "
J. C. Davidson, Eng. Elec. Traction.....Bluefield, W. Va
C. W. B. Harris, Supt. Timber Preserv. Plant..... } East Radford, Va.

ASSISTANT ENGINEERS.

C. E. Armstrong.....Portsmouth, O
A. Bruner.....Roanoke, Va
O. V. Parsons.....Bluefield, W. Va
J. W. Raitt.....Norfolk, Va

SUPERVISORS OF BRIDGES & BUILDINGS.

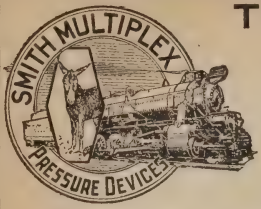
W. F. Birkelbach.....Bluefield, W. Va
R. E. Dailey.....Roanoke, Va
S. P. Davidson.....Norfolk, Va
J. M. Farrow.....Roanoke, Va
H. E. Gunll.....Lynchburg, Va
M. M. Poindexter.....Shenandoah, Va
C. P. Tracy.....Portsmouth, O

ROAD MASTERS.

J. B. Alley.....Bluefield, W. Va
J. Brumfield.....Iaeger, W. Va
C. B. Clark.....Pulaski, Va
R. W. Clifton.....Bluefield, W. Va
J. R. Cralle.....Lynchburg, Va
S. W. Cralle.....Petersburg, Va
S. P. Davidson.....Norfolk, Va
G. Davis.....Sardinia, O
G. W. Echard.....Chillicothe, O
J. M. Farrow.....Roanoke, Va
H. T. Huff..... "
E. P. Kinzel.....Abingdon, Va
H. Maynard.....Williamson, W. Va
J. B. McConnell.....Portsmouth, O
L. McNamara.....Kenova, W. Va
S. B. Porter.....Ft. Gay, W. Va
R. J. Royer.....Buena Vista, Va
H. E. Simmons.....Martinsville, Va
D. L. Smith.....Shenandoah, Va
H. M. Smith.....Wilcoe, W. Va
J. W. Thomas.....Eckman, W. Va
O. H. Tolley.....Crewe, Va
C. P. Yost.....South Boston, Va

SIGNAL DEPARTMENT.

D. W. Richards, Sig. Eng. ..Roanoke, Va
J. A. Beoddy, Gen. Sig. Insp. "
T. J. Jensen, Sig. Insp. .... "
J. S. Frew, Sig. Insp. .... "
F. L. Turner, Sig. Insp. .... "
H. P. Hancock, Supv. of Const. "



TIME IS MONEY. SAVE IT.

OVER 20 prominent railroads are using the Smith Multiplex Pressure Jack. Repeat orders are proving its value wherever installed. The device parts piston rods from locomotive crossheads in a few minutes, without heating or hammering, delay or trouble. No battered-up crossheads. No possibility of fracture. Makes piston parting a one-man job. Has numerous other shop uses. A valuable addition to railroad tool equipment, and one that quickly pays for itself.

Official Demonstrations and tests under actual service conditions gladly arranged for on request.

For further information address

The Clark Manufacturing Company

427 North 13th Street Attention Dept. A. Philadelphia, Pa.

RATED 100% EFFICIENT

by the U.S.R.R. Administration Committee on Standardization.

The UTILITY Honeycomb VENTILATOR

DETAILS SENT ON REQUEST

The Railway Utility Co. 151 W. 22d St. **Chicago**

705—NORFOLK & WESTERN—Continued.

SUPERVISORS OF SIGNALS.

O. S. Burnett.....Kenova, W. Va
W. D. Felty.....Portsmouth, O
J. K. Hall.....Lynchburg, Va
C. G. Harris.....Bluefield, W. Va
M. L. Harris.....Roanoke, Va
J. H. Jerome.....Pulaski, Va
C. W. Rives.....Shenandoah, Va
J. L. Stone.....Crewe, Va

705a—NORFOLK SOUTHERN R. R. CO.

930 Mls, 106 Loco, Cars: 3,412 Frt, 106 Pass, 219 Misc

EXECUTIVE, FINANCIAL AND LEGAL.

E. Williams, Ch. of Bd...Lynchburg, Va
✪G. R. Loyall, Pres.....} Norfolk, Va.
M. S. Hawkins, Asst. to Pres. & Sec..... "
F. P. Pelter, V.-Pres. (Oper.).. "
E. D. Kyle, V.-Pres. (Traffic).... "
J. R. Pritchard, Asst. Sec..... "
J. F. George, Treas..... "
J. C. Nelms, Jr., Gen. Aud..... "
W. B. Rodman, Gen. Coun..... "
J. T. Rux, Aud. Rec..... "
J. H. Barrett, Gen. Clm. Agt... "

TRAFFIC.

E. D. Kyle. V.-Pres.....Norfolk, Va
A. Winslow, Asst. to V.-Pres. "
J. F. Dalton, G. F. & P. A.... "
W. A. Marshall, Asst. G. F. A. "

OPERATING.

F. P. Pelter, V.-Pres. & Gen. Mgr.....Norfolk, Va
L. B. Wickersham, Gen. Supt & Elec. Eng. (Elec. lines). "
C. P. Dugan, Supt. Trans.... "

SUPERINTENDENTS.

J. S. Cox.....Raleigh, N. C
L. P. Kennedy.....Newbern, N. C

Dr R. L. Payne, Ch. Surg..Norfolk, Va

PURCHASING.

¶L. M. Jones, Pur. Agt.....Norfolk, Va
J. O. Burrow, Gen. Str. Kpr..Berkley, Va
L. L. Land, Str. Kpr.....Raleigh, N. C
W. J. Rice, Str. Kpr.....Newbern, N. C

L. A. Beck, Tie & Timber Agt..Norfolk, Va

MECHANICAL.

A. C. Adams, Supt. M. P....Norfolk, Va
J. T. Patterson, Mech. Eng.....} Carolina Jct. Norfolk, Va
W. C. Alley, M. M. (Elec. Div). "
J. T. Mallard, M. M.....Raleigh, N C

H. Bobbitt, Rd. For. Eng....Norfolk, Va
F. T. Sumner, Rd. For. Eng..Raleigh, N. C

GENERAL FOREMEN.

T. Clarkson.....Raleigh, N. C
J. C. Frye....Carolina Jct., Norfolk, Va
H. S. Rosser.....Newbern, N. C

R. W. Barrett, Gen. For. Car Dept.....} Carolina Jct. Norfolk, Va.
H. S. Fentress, Gen. Car Insp. "
J. H. Wilson, Ch. Elec..... "

ENGINEERING, BRIDGES & ROADWAY

F. L. Nicholson, Ch. Eng....Norfolk, Va
W. E. Nicholson, Asst. to Ch. Eng..... "
H. S. Blake, Asst. Eng..... "
J. K. Pettus, Asst. Eng..... "
J. Dwyer, Supt. M. W..... "
F. L. Lilly, Rd. Mast.....Raleigh, N. C
J. T. Phillips, Rd. Mast..Newbern, N. C
L. B. Morton, Supvr. B. & B. "
R. L. Hayes, Supvr. B. & B. Raleigh, N. C

TRACK SUPERVISORS.

J. S. Davis.....Edenton, N. C
R. G. Davis.....Raleigh, N. C
E. T. Fowlkes.....Star, N. C
R. G. Green.....Norfolk, Va
W. R. Lowery.....Newbern, N. C

705b—NORTH & SOUTH RY.

41 Mls, 3 Loco, Cars: 2 Frt, 2 Pass

Receiver appointed August 1, 1924.

D. C. Fenstermaker, Managing Recr. & Ch. Eng.....Casper, Wyo
E. Peterson, Asst. to Recr. "
R. E. McNally, Gen. Atty. for Recr.....Sheridan, Wyo
W. G. Wilt, Aud. & Treas..Casper, Wyo
¶★✠W. K. Sheridan, Supt... "

706—NORTHAMPTON & BATH R. R. CO.

12 Mls, 5 Loco, Cars: 3 Frt, 2 Pass, 3 Misc

New York address, 25 Broadway.

H. W. Maxwell, Pres...New York, N. Y
A. de Navarro, V.-Pres... "
L. R. Burch V.-Pres..... "
J. L. Medler, Sec. & Asst. Treas..... "
H. E. Harding, Asst. Sec... "
W. E. Miner, Treas..... "
G. W. Wirth, Aud..... "
★✪A. F. Tidabock, Gen. Mgr.....Northampton, Pa.
¶W. H. Dutcher, Pur. Agt. New York, N. Y
H. H. Lauer, Valua. Eng.....Northampton, Pa

707—NORTHEAST OKLAHOMA R. R. CO. (Electric).

49 Mls, 4 Loco, Cars: 135 Frt, 12 Pass, 4 Misc

✪J. F. Robinson, Pres.....Miami, Okla
W. H. Trapp, V.-Pres..... "
¶H. B. Cobban, Sec., Treas. & Gen. Mgr..... "
R. McNaughton, Gen. Coun. "
R. C. Jones, Aud..... "
J. L. Cooper, Traf. Mgr. & Clm. Agt..... "
T. A. Darrow, Supt. Trans. "
W. H. Rudkin, M. C. B .... "
W. J. Martin, Ch. Eng. M. S. "

708—NORTH LOUISIANA & GULF R. R. CO.

26 Mls, 2 Loco, Cars: 2 Frt, 1 Pass, 1 Motor, 1 Misc

O. E. Hodge, Pres. & Sec.....Hodge, La
S. S. Hunt, V.-Pres..... "
W. M. Wallace, Atty....Shreveport, La
¶★✠J. S. Hunt, Gen. Mgr.....Hodge, La
E. F. Thompson, Treas..... "
J. A. McCoy, Aud. & G. F. & P. A. "
G. F. Thomas, Traf. Mgr..Little Rock, Ark
F. C. Stewart, Supt.....Hodge, La

SAFETY ELECTRIC LIGHT The Safety C. H. & L. Co.
USED ON 71 LEADING RAILROADS. 2 Rector Street, New York.

CAUSES OF DERAILMENTS

BRAKE BEAMS DOWN

You cross off one of the important causes of disastrous derailments when you prevent brake beams coming down by applying the

CRECO BRAKE BEAM SUPPORT

Creco Supports make brake shoes wear evenly—save scrapping half worn brake shoes.

Creco Supports decrease train resistance 10% by holding the brake shoes away from the wheels in released position.

CHICAGO RAILWAY EQUIPMENT CO.

RAILWAY EXCHANGE - - CHICAGO, U.S.A.

709 to 714

—† NORTHERN ALABAMA RY. CO.

See Southern Ry. System, No. 927.

—†NORTHERN OHIO RY. CO.

See A. C. & Y. Ry., No. 6.

715—NORTHERN OHIO POWER & LIGHT CO. (Electric).

190 Mls, 1 Loco, Cars: 58 Frt, 339 Pass, 34 Misc

New York address, 14 Wall Street.

B. C. Cobb, Pres.....New York, N. Y
T. A. Kenney, V.-Pres.. "
A.C.Blinn, V.-Pres.& Gen.Mgr.Akron, O
C. H. Lahr. Sec.& Treas..... "

ASST. SECRETARIES & ASST. TREASURERS.

G. H. Bourne.....New York, N. Y
E. E. Nelson..... "

P. Murdoch, Compt.....Akron, O
C. J. Laney, Traf. Mgr..... "
J. W. Giltner, Ch. Clm. Agt.. "
L. G. Tighe, Asst. Gen. Mgr... "
D.A.Scanlon, Gen. Supt. Rys. "
H. C. Steele, Gen. Supt. Trans. "
¶L. G. Smith, Pur. Agt..... "
P. V. C. See, Supt. Equip..... "
E.D.Eckroad, Gen.Supt.W.&S. "

—†NORTHERN OHIO TRACTION & LIGHT CO.

See No, Ohio Pow. & Light Co., No. 715.

716—NORTHERN PACIFIC RY. CO.

6,649 Mls, 1,284 Loco. Cars: 49,094 Frt, 1,034 Pass 3,769 Misc

New York address, 34 Nassau St.

EXECUTIVE, FINANCIAL AND LEGAL.

Howard Elliott, Chman. New York, N.Y
C. Donnelly, Pres.....St.Paul, Minn
R.W.Clark, Asst. to Pres.. "
C. W. Bunn, V.-Pres. & Special Coun..... "
G. T. Reid, V.-Pres. & West. Coun.....Seattle, Wash
J. G. Woodworth, V.-Pres. (Traf.)..... } St. Paul, Minn.
F. E. Williamson, V.-Pres. (Maint. & Operating)..... "
B. O. Johnson, Asst. to V.-Pres.. "
S. A. Wilder. Asst. to V.-Pres.. "
J. M. Hughes. Land Comr..... "
F. W. Sweney, Compt..... "
H. A. Clifford, Treas..... "
E. A. Gay, Sec. & Asst. Treas.....New York, N.Y
R. H. Relf. Asst. Sec.....St. Paul, Minn
F.G.Hollender, Asst. Sec. & Asst. Treas.....New York, N. Y
D. F. Lyons, Gen. Coun. ... } St. Paul
B. W. Scandrett, Gen. Solr... } Minn.
M.L.Countryman, Jr., Gen. Atty. "
D. R. Frost, Gen. Atty..... "
F. D. McCarthy, Gen. Atty..... "
W. F. Every. Gen. Clm. Agt.... "
A. M. Lee, Asst. Gen. Clm. Agt.....Seattle, Wash
J. J. McManus, Frt. Clm. Agt..... St. Paul, Minn
T. J. Faughnan, Asst. Frt. Clm. Agt.....Seattle, Wash
M.T.Sanders, Tax Commr. St. Paul, Minn

ACCOUNTING.

F. W. Sweney, Compt.. ..... } St. Paul, Minn.
E. T. Dakin, Gen. Aud..... } Minn.
L. A. Behler, Asst. Gen. Aud.... "
Wm. Richards, Asst. Gen. Aud. "
G. J. Mayer, Asst. Gen. Aud.... "
F. C. Sharood, Asst. Gen. Aud.. "
F.W.Steteklub, Asst. Gen. Aud. "
W. H. Rawlinson, Asst. Statistician.. ..... "
E. J. Johnson, Aud. Pass. Rec.. "
E. O. Parks, Aud. Disb..... "
G. H. Lemke, Asst. Aud. Disb.. "
A. L. Wielde, Aud. Frt. Rec.... "
W.J.Stevenson, Aud. Agencies.. "
R. V. Onslow, Aud. Frt. Overcharge Clms. & Milk Traf.... "
C. Mitchell, Asst. Aud. Frt. Overcharge Clms..Seattle, Wash
E. R. Wales, Aud. (West.) "
C. S. Carter, Joint Facility Acct.....St. Paul, Minn

TRAFFIC.

J. G. Woodworth, V.-Pres.... } St. Paul, Minn.
L. R. Capron, Frt. Traf. Mgr. }
T. B. Montgomery, Asst. Frt. Traf. Mgr ..... "
A. B. Smith, Pass. Traf. Mgr.. "
J. G. Morrison, G. F. A..... "
W. E. Alair, For. Frt. Agt..... "

ASSISTANT GENERAL FREIGHT AGENTS.

J. L. Burnham.....Seattle, Wash
L. R. Challoner.....St. Paul, Minn
F. A. Cleveland.....Seattle, Wash
F. H. Fogarty.....Portland, Ore
G. A. Mitchell.....St. Paul, Minn
J. C. Simonton..... "
R. E. Smith..... "

M. M. Goodsill, G. P. A..,St. Paul, Minn
A. D. Charlton, G. P. A...Portland, Ore

ASSISTANT GENERAL PASSENGER AGENTS.

G. F. McNeill.....Minneapolis, Minn
E. E. Nelson.....Seattle, Wash
J. C. Poore.....St. Paul, Minn

R. T. Bretz, Asst. G. F. & P. A.....Tacoma, Wash
W. E. Coman, Western Traf. Mgr.....Seattle, Wash
W. S. Post, Ch. Tar. Bur.... } St. Paul,
D. C. Pettibone, Mgr. Mail } Minn.
Traf. & G. B. A..... "
A. J. Davies, Live Stk. Agt... "
E. L. Hoppel, Live Stk. Agt.....Spokane, Wash
H.W.Byerly, Gen. Im. Agt St. Paul, Minn

OPERATING.

F. E. Williamson, V.-Pres... } St. Paul,
B.O.Johnson, Asst. to V.-Pres. } Minn.
S. A. Wilder, Asst. to V.-Pres... "
A. V. Brown, Gen. Mgr....Seattle, Wash
C. L. Nichols, Gen. Mgr..St. Paul, Minn

GENERAL SUPERINTENDENTS.

J. E. Craver..... .....Seattle, Wash
T. H Lantry.....Livingston, Mont
W. H. Strachan..... St. Paul, Minn

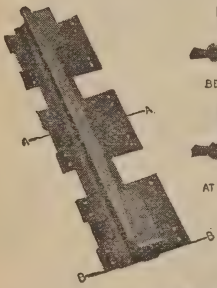
ASSISTANTS TO GEN. SUPERINTENDENTS.

T. M. Flynn.....St. Paul, Minn
H. C. James, Jr.....Seattle, Wash
D. E. Nichols.....Livingston, Mont

Bethlehem Track Specialties

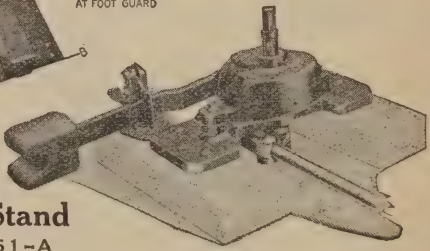
Railbound Manganese Frog

DESIGN 677—A.E.R.A. STD.



Hook-Flange Guard Rail

DESIGN 750

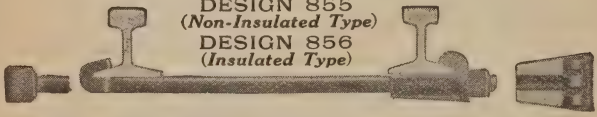


New Century Switch Stand

MODEL 51-A

Gage Rod

DESIGN 855
(Non-Insulated Type)
DESIGN 856
(Insulated Type)



BETHLEHEM STEEL COMPANY
Bethlehem, Pa.

BETHLEHEM

716—NORTHERN PACIFIC—Continued.

DIVISION SUPERINTENDENTS.

F. R. Bartles.....Seattle, Wash
W. E. Berner.....Jamestown, N. D
F. Brastrup.....Missoula, Mont
E. J. Hackenberg.....Dilworth, Minn
F. C. Huntington.....Glendive, Mont
G. H. Jacobus.....Livingston, Mont
T. F. Lowry.....Minneapolis, Minn
L. F. Newton.....Pasco, Wash
J. Shannon.....Spokane, Wash
W. C. Showalter.....Tacoma, Wash
W. C. Sloan.....Duluth, Minn

ASSISTANT DIVISION SUPERINTENDENTS.

F. L. Birdsall.....Duluth, Minn
J. S. Dean.....Tacoma, Wash
D. M. Driscoll.....Duluth, Minn
J. H. Johnson.....Staples, Minn
J. J. McCullough.....Seattle, Wash
J. B. McLane.....St. Paul, Minn
O. F. Ohlson.....Billings, Mont
P. H. McCauley, Gen. Supt. Trans.....St. Paul, Minn

ASST. GEN. SUPERINTENDENTS TRANS.

J. L. Hurd.....St. Paul, Minn
I. B. Richards.....Seattle, Wash
F. M. Metcalf, Supt. Safety Sect.....St. Paul, Minn
A. W. Thomson, Supt. Din. Cars. "
E. E. Dildine, Supt. Tel..... "
C. W. Harding, Asst. Supt. Tel. "
E. L. Mackenroth, Asst. Supt. Tel.....Seattle, Wash
R. T. Taylor, Supt. Icing Fac. "
A. N. Page, Supt. Em. Bur.... St. Paul, Minn
G. R. Merritt, Gen. Agt. Refrig. Serv..... "
F. E. Moline, Insp. Refg. Serv... "
T. J. Joyce, Car Acct..... "

TRAVELING CAR SERVICE AGENTS.

H. A. Aberg.....St. Paul, Minn
M. G. Crawford.....Seattle, Wash
W. H. Lowry.....Livingston, Mont

PURCHASING.

¶R. J. Elliott, Pur. Agt....St. Paul, Minn
L. Crassweller, Asst. Pur. Agt..... "
P. McKay, Asst. Pur. Agt. Seattle, Wash
H. Hansen, Asst. Pur. Agt... St. Paul, Minn
C. C. Kyle, Gen. Str. Kpr..... "
E. J. Myers, Asst. Gen. Str. Kpr. "
S. H. Robson, Asst. Gen. Str. Kpr.....So. Tacoma, Wash

DISTRICT STORE KEEPERS.

H. A. Humes.....So. Tacoma, Wash
H. L. Jones.....Brainerd, Minn
C. A. Nichols.....St. Paul, Minn

DIVISION STORE KEEPERS.

J. W. Anderson.....Livingston, Mont
R. A. Becker.....St. Paul, Minn
F. A. Burton.....Jamestown, N. D
M. A. Cole.....Tacoma, Wash
G. C. Hower.....Seattle, Wash
A. C. Johnson.....Dilworth, Minn
R. L. Long.....Duluth, Minn
R. R. Morisee.....Pasco, Wash
G. M. Paine.....Missoula, Mont
W. H. Robinson.....Parkwater, Wash
J. S. Sewall.....Glendive, Mont
H. M. Smith, Trav. Str. Kpr. St. Paul, Minn
F. C. Turner, Trav. Str. Kpr.....Spokane, Wash
F. V. Weisenburger, Timb. Agt.....St. Paul, Minn

MECHANICAL.

S. Zwight, Gen. Mech. Supt. St. Paul, Minn
E. L. Grimm, Asst. to Gen. Mech. Supt..... "
T. J. Cutler, Mech. Supt..... "
R. M. Crosby, Mech. Supt. Seattle, Wash
H. M. Robertson, M. C. B..... St. Paul,
T. R. Williams, Asst. M. C. B. Minn.
G. F. Endicott, Mech. Eng..... "
H. G. Burnham, Eng. Tests.... "
E. R. Manor, Asst. Eng. Tests.. "

GENERAL MASTER MECHANICS.

C. E. Allen.....St. Paul, Minn
B. P. Johnson.....Livingston, Mont
J. Simpson.....Seattle, Wash

MASTER MECHANICS.

R. P. Blake.....Livingston, Mont
J. Bruce.....Tacoma, Wash
E. H. Carlson (Asst.).....Staples, Minn
S. H. Draper.....Missoula, Mont
W. E. Dunkerley.....Glendive, Mont
G. F. Egbers.....Spokane, Wash
C. Emerson.....Dilworth, Minn
D. S. Littlehales.....Jamestown, N. D
J. A. Marshall.....Pasco, Wash
J. W. Matheson.....Seattle, Wash
J. B. Neish.....St. Paul, Minn
N. P. White.....Duluth, Minn

ROAD FOREMEN OF ENGINES.

K. G. Chapman.....Auburn, Wash
G. L. Ernstrom.....Forsyth, Mont
C. W. Extrand.....Minneapolis, Minn
L. J. Gallagher.....Missoula, Mont
R. E. Hammond.....St. Paul, Minn
J. L. James.....Missoula, Mont
F. C. Kendall.....Easton, Wash
D. W. Kerr.....Pasco, Wash
E. B. Le Van.....Garrison, Mont
G. H. Littlemore.....Livingston, Mont
E. W. Lostrom.....Duluth, Minn
F. L. McDonald.....Mandan, N. D
H. E. Mills.....Duluth, Minn
J. C. Murphy.....Jamestown, N. D
W. J. Ridley.....Dilworth, Minn
R. E. Rogers.....Spokane, Wash
H. Trewick.....Tacoma, Wash
W. T. Weichert.....Laurel, Mont
J. H. Weston.....Staples, Minn
W. V. Wicks.....Jamestown, N. D

J. J. Davey, Gen. Boiler Insp.....St. Paul, Minn
B. C. King, Asst. Gen. Boiler Insp.....Auburn, Wash
M. A. Daly, Gen. Fuel Supvr. St. Paul, Minn
M. F. Brown, Fuel Supvr. Seattle, Wash
F. J. Regan, Fuel Supvr. Duluth, Minn
D. Sinclair, Fuel Supvr. Glendive, Mont
G. H. Gjertsen, Mast. Welder.....St. Paul, Minn
M. Purcell, Gen. Air Brk. Insp..... "

VERONA TOOLWORKS
PITTSBURGH PA.

"QUALITY"

Track Tools

Jacks

Levels and Gauges

Rail Joint Springs and Anchors

Main Office and Factory - Verona, Pa.

Sales Offices: New York, Chicago, Boston, Washington, St. Louis, New Orleans, St. Paul, San Francisco and Montreal

716—NORTHERN PACIFIC—Continued.

ASST. AIR BRAKE INSPECTORS.

D. C. McAllister.....St. Paul,
G. P. Uhlich.....Minn.
R. J. Watters.....

H. E. Bergstrom, Mech. Insp..St. Paul,
F. W. Reed, Ch. Elec.....Minn.

SHOP SUPERINTENDENTS.

J. P. Anderson.....Brainerd, Minn
T. Jackson.....Livingston, Mont
H. A. Lyddon.....South Tacoma, Wash
B. W. Milham.....St. Paul, Minn

J. Metzger, Gen. Loco. For.....So. Tacoma, Wash
M. H. Nelson, Gen. Loco. For..Brainerd,
D. K. Fullerton, Gen. Car For..Minn.
F. G. Moody, Gen. Car For.....So. Tacoma, Wash
J. Lilliedahl, For. Paint..St. Paul, Minn
S. T. Press, For. Paint..So. Tacoma, Wash

ENGINEERING, BRIDGES & ROADWAY

H. E. Stevens, Ch. Eng.....St. Paul,
L. Yager, Asst. Ch. Eng.....Minn.
A. R. Cook, Asst. Ch. Eng. & Eng. M. W.....Seattle, Wash
B. Blum, Eng. M. W.....St. Paul,
M. F. Clements, Eng. Brdgs..Minn.
H. M. Stout, Rec. Eng.....
P. E. Thian, Valua. Eng.....
L. Smith, Off. Eng.....
E. M. Grime, Eng. Water Serv.
A. Gibson, Supt. Tie & Timber Preserv.....Brainerd, Minn

DISTRICT ENGINEERS.

J. T. Derrig.....St. Paul, Minn
J. D. Koren.....Spokane, Wash
A. F. Stotler.....Tacoma, Wash
F. J. Taylor.....Livingston, Mont

SUPERVISORS BRIDGES & BUILDINGS.

W. M. Bradford.....Livingston, Mont
E. H. Brown.....Minneapolis, Minn
J. A. Campbell.....Tacoma, Wash
D. Fairchild.....Duluth, Minn
J. Fleming.....Missoula, Mont
A. Hanson.....Glendive, Mont
J. Hartley.....Dilworth, Minn
A. Herider.....Seattle, Wash
C. Simensen.....Pasco, Wash
K. B. Skibness.....Spokane, Wash
T. Stang.....Jamestown, N. D

DIVISION ROAD MASTERS.

L. Barnes.....Pasco, Wash
F. J. Challoner.....Fargo, N. D
F. G. Cook.....Glendive, Mont
D. Flahaven.....Missoula, Mont
J. M. Hurley.....Spokane, Wash
R. G. Knight.....Tacoma, Wash
H. J. McCall.....Jamestown, N. D
C. F. Nelson.....Livingston, Mont
H. C. Rupple.....Seattle, Wash

ROAD MASTERS.

W. J. Ager.....Tacoma, Wash
B. H. Allmain.....Seattle, Wash
N. Anderson.....Mandan, N. D
P. E. Anderson.....Pasco, Wash
W. G. Ashworth.....Jamestown, N. D
M. T. Bradley.....Spokane, Wash
W. A. Bracken.....Seattle, Wash
J. A. Bryan.....Missoula, Mont

ROAD MASTERS—CONTINUED.

C. H. Burgess.....Fargo, N. D
P. J. Carney.....E. Grand Forks, Minn
A. J. Chambers.....Centralia, Wash
C. W. Coil.....Helena, Mont
G. M. De Lambert.....Fargo, N. D
P. L. Demmer.....Centralia, Wash
W. E. Fitzsimons.....St. Paul, Minn
F. W. Fuller.....Duluth, Minn
H. Gunderson.....Butte, Mont
H. Hanson.....Mandan, N. D
M. L. Hare.....Lester, Wash
J. H. Hayes.....Moscow, Ida
H. Heleen.....Missoula, Mont
E. A. Howland.....Little Falls, Minn
W. S. Kaminski.....Duluth, Minn
J. Kovar.....Jamestown, N. D
J. Kowol.....Sedro-Woolley, Wash
A. Larson.....Spokane, Wash
H. W. McCauley.....Carrington, N. D
J. McDougall.....Livingston, Mont
D. McLaughlin.....Pasco, Wash
J. Merry.....Glendive, Mont
W. P. Murn.....
J. L. Nelson.....Forsyth, Mont
J. Nester.....Staples, Minn
J. Nordquist.....Bozeman, Mont
B. E. Nutley.....Yakima, Wash
H. Olson.....Staples, Minn
J. Seaburg.....Minneapolis, Minn
C. E. Selch.....Pasco, Wash
J. Smith.....Duluth, Minn
A. H. Smyth.....Kootenai, Ida
P. A. G. Tilmont.....Tacoma, Wash
N. Vordahl.....Laurel, Mont
M. Webster.....Wallace, Ida
J. H. Welshinger.....Duluth, Minn
J. F. Williamson.....Dickinson, N. D

SIGNAL DEPARTMENT.

C. A. Christofferson, Sig. Eng.
S. W. Law, Asst. Sig. Eng...St. Paul,
S. B. Rosencrans, Eng. Train Control.....Minn.
F. L. Eukes, Supvr. Sig.....
A. G. Nutting, Supvr. Sig.....Livingston, Mont
T. C. Hanson, Supvr. Sig. Tacoma, Wash

717—

718—NORTHWESTERN OHIO RY. & POWER CO., THE (Electric).

See Ohio Public Service Co., No. 724.

718c—NORTHWESTERN PACIFIC R.R. CO.

478 Mls, 3 and 4:8½ G, 73 Loco, Cars: 1,401 Frt, 211 Pass, 310 Misc

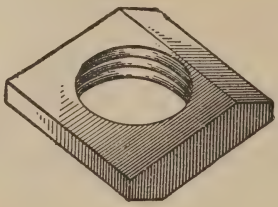
General Offices, 64 Pine St., San Francisco, Cal.

✪W. S. Palmer, Pres. & Gen. Mgr.....San Francisco, Cal.
H. G. Jenkins, Asst. to Pres. & Gen. Mgr.....
A. H. Payson, V.-Pres.....
P. Shoup, V.-Pres.....
G. L. King, Sec.....
D. P. Ewing, Asst. Sec.....
¶H. W. Ellicott, Treas. & Gen. Pur. Agt.....
A. K. Van Deventer, Asst. Treas.....New York, N. Y.

LOCK NUTS "DS" HOLDING NUTS

SQUARE OR HEXAGON

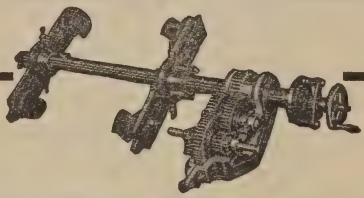
"FINGER FIT"



U. S. STD. THREAD

STANDARD SAFETY NUT CORPORATION

30 Church St. New York, N. Y.



Tools of our design are used by almost every railway shop in the country

Let Us Quote when You need Portable Machine Tools

Cylinder and Valve Port Boring Bars, Crank Pin Turning Machines, Portable Milling Machines, Pipe Benders, Etc.

WRITE FOR CATALOG

Pedrick Tool & Machine Co.

3638 N. Lawrence Street -:- PHILADELPHIA, PA.

716—NORTHERN PACIFIC—Continued.

S. Moore, Gen. Coun. ..... } San Francisco, Cal.
E. Johnson, Chns. Atty..... }
W. B. Burris, Compt..... "
J. G. Brady, Frt. Clm. Agt... "
J. J. Geary, G. F. & P. A..... "
W. J. Cummings, Asst. G.F.& P.A.....Eureka, Cal
C. A. Hewitt, G. B. A. San Francisco, Cal
M. L. Gillogly, Supt.....Sausalito, Cal
G. H. McMullin, Supt.....Eureka, Cal
T. F. Allen, Asst. Supt....Sausalito, Cal
N. J. Adams, Jr., Car Serv. Agt..... "
W. S. Wollner, Gen Safety & Fire Insp. Agt..... } San Francisco, Cal.
Dr. O. E. Eklund, Ch. Surg. "
A. W. Dayton, Gen. Str. Kpr.....Tiburon, Cal
§ W. T. Small, Gen. Supt. M. P. & Equip..... "
A. C. Piercy, Mech. Eng.... "
R. Salkeld, M. M..... "

ASST. MASTER MECHANICS & ROAD FOREMEN OF ENGINES.

G. W. Adamson.....Eureka, Cal
R. C. Aiken..... .....Sausalito, Cal

F. T. Vanatta, Supt. Elec. Activities.....Sausalito, Cal
O. B. Cavanaugh, Mast. Car Rep. .....Tiburon, Cal
G. H. Hicks, Ch. Eng. San Francisco, Cal
F. H. Gilman, Asst. Eng. .Sausalito, Cal
A. F. Williams, Asst. Eng. .Eureka, Cal

719—NORTHWESTERN R. R. CO. OF SOUTH CAROLINA.

81 Mls, 7 Loco, Cars: 25 Frt, 8 Pass, 1 Misc

¶ ✪ J. Wilson, Pres.....Sumter, S. C
R. D. Cronley, Sec.....Wilmington, N. C
J. T. Reid, Treas..... "
W. D. McCaig, Asst. Aud. "
J. A. Raffield, Supt.....Sumter, S. C
E. M. Dewey, Supt. Car Serv.....Wilmington, N. C
C. L. Pemberton, M. M.....Sumter, S. C
T. A. Weir, Rd. Mast..... "

719a—NORTON & NORTHERN RY.

5 Mls, 3 Loco. Cars owned—none

¶ ✠ R. P. Bruce, Pres.....Wise, Va
C. F. Bruce, Sec. & Treas..... "

720—NORWOOD & ST. LAWRENCE R. R. CO.

18 Mls, 3 Loco, Cars: 84 Frt, 2 Pass, 3 Misc

Watertown address, Trust Co. Bldg.

F. L. Carlisle, Pres..... } New York, N. Y.
R. B. Maltby, V.-Pres. & Treas..... }
✪ C. B. Martin, Sec. & Asst. Treas..... } Watertown, N. Y.
W. W. Thompson, Aud..... "
✪ J. A. Quinlan, G. F. & P. A.... "
✪ C. T. Jewell, Gen. Mgr..... "
¶ L. W. Bowker, Pur. Agt.... "
★ ✠ M. D. Bennett, Gen. Supt. Norfolk, N. Y

721—OAKDALE & GULF RY. CO.

18 Mls, 1 Loco, Car: 1 Misc

Kansas City address, Long Bldg.

✪ R. B. White, Pres.....Kansas City, Mo
C. E. Slagle, V.-Pres.....Clarks, La
G. R. Hicks, V.-Pres....Kansas City, Mo
C. K. Gould, Sec.....Clarks, La
¶ C. C. Sheppard, Treas. & Gen. Mgr.....Oakdale, La
W. L. McDermott, Aud..... "
F. C. Broadway, Traf. Mgr.....Kansas City, Mo
✠ H. O. Cooksey, Gen. Supt. .Oakdale, La
R. E. Vaught, M. M..... "

722—

723—OHIO & KENTUCKY RY. CO.

40 Mls, 4 Loco, Cars: 36 Frt, 5 Pass, 5 Misc

New York address, 15 William St.

L. P. Yandell, Pres.....New York, N. Y
H. R. Mackay, Sec..... "
¶ ✪ G. W. Leslie, Treas. & Gen. Mgr.....Cannel City, Ky
M. J. Murphy, Aud..... "
W. C. Stutler, Frt. Clm. Agt..... "
H. Bach, M. M..... "
M. P. Briscoe, Rd. Mast.. "

—† OHIO CENTRAL LINES.

N. Y. Central R. R., Lessee, No. 693c.

724—OHIO PUBLIC SERVICE CO.,

78 Mls, 2 Loco, Cars: 5 Frt, 28 Pass, 9 Misc

Cleveland address, Keith Bldg.

H. L. Doherty, Pres.. } 60 Wall St., New York, N. Y
T. O. Kennedy, V.-Pres. & Gen. Mgr.....Cleveland, O
F. A. Chamberlain, V.-Pres. & Div. Mgr.....Mansfield, O
H. A. Cowgill, V.-Pres. & Div. Mgr.....Port Clinton, O
R. E. Cuthbertson, Sec....Cleveland, O
R. L. Harbaugh, Asst. Sec. Mansfield, O
G. E. Mohn, Asst. Sec...Port Clinton, O
H. A. Fountain, Treas.....Cleveland, O
E. R. Fleckner, G. F. & P. A.....Port Clinton, O
W. H. Goodenough, Supt..Mansfield, O
R. S. Huber, Supt.....Oak Harbor, O
L. F. Heiserman, Car Acct. Port Clinton, O
¶ N. C. Foster, Pur. Agt.....Cleveland, O
G. E. Snider, Ch. Elec. Eng. "
E. E. Johnson, M. M.....Port Clinton, O
C. Pittman, M. M.....Mansfield, O

ROAD MASTERS.

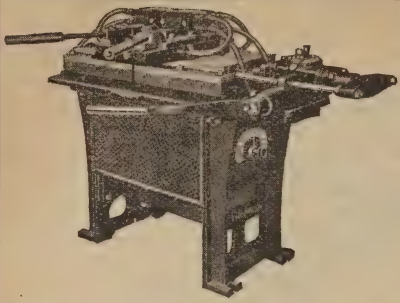
C. G. Cairl.....Port Clinton, O
T. Gloyd..... "
A. H. Kreilick..... "
R. G. Russell.....Mansfield, O
L. C. Schroeder.....Port Clinton, O

—† OHIO RIVER & WESTERN R. R.

See Penna. R. R., No. 751.

725—OKLAHOMA & ARKANSAS RY. CO.

Operation discontinued, January, 1926.



FOR—
SAFE ENDING
AND
RECLAIMING

Electric Welds are
Better and Cost Less

Bulletin No. F.W.
tells the entire story

ELECTRIC FLUE WELDERS

THOMSON ELECTRIC WELDING CO.
LYNN, MASS.

TESTS ANALYSES

PERSONAL SUPERVISION
INSURES DEPENDABLE SERVICE

INSPECTION OF MATERIALS

INQUIRIES SOLICITED

R. H. LAVERIE & SONS, Inc.
17 STATE STREET, NEW YORK
CHICAGO, 431 SOUTH DEARBORN STREET

EXPEDITING RESEARCH

725b—OKLAHOMA CITY-ADA-ATOKA-RY. CO.
133 Mls, 13 Loco, Cars: 49 Frt, 5 Pass, 8 Misc
Oklahoma address, 200 E. Reno St.
H. K. Hudson, Pres. ... Oklahoma
¶★✠E. M. Worley, V.-Pres., Gen. Mgr. & Treas. ... City, Okla
C. A. Birge, V. Pres. & Traf. Mgr. ... "
R. J. Edwards, V.-Pres. ... "
K. W. Shartel, Gen. Coun. ... "
F. Sheppard, Gen. Aud. ... "
C. E. Fenwick, Aud. Rev. ... "
A. O. Stephens, Asst. Traf. Mgr. ... "
O. Hatcher, Car Acct. ... "
Dr. S. P. Ross, Ch. Surg. ... Ada, Okla

726—OKLAHOMA CITY JCT. RY. 6 Mls
Equipment owned—none.
G. A. Blair, Pres. ... Chicago, Ill
J. J. Gibson, V.-Pres. ... Oklahoma
¶G. W. Eiler, Sec. & Aud. ... City, Okla
★✠J. W. S. Hutchings, Treas. & Gen. Supt. ... "
C. Hanson, Live Stock Agt. ... "

726b—OKLAHOMA, NEW MEXICO & PACIFIC RY. CO.
36 Mls, 5 Loco, Cars: 31 Frt, 10 Pass, 1 Misc
94 miles additional under construction.
New York address, 636 Fifth Ave.
J. Ringling, Pres. ... New York, N. Y
G. F. Meighan, V.-Pres. ... 221 Institute Pl., Chicago, Ill.
R. Fuchs, Sec. & Treas. ... New York, N. Y
S. L. Egly, Gen. Atty. ... Ardmore, Okla.
K. H. Schoppe, G. F. & P. A. ... "
T. Cox, Aud. & Asst. to Gen. Mgr. ... "
¶✠W. C. Ramsey, Gen. Mgr. ... "
Dr. W. Hardy, Ch. Surg. ... "
A. E. Brand, M. M. ... "

726d—OKLAHOMA RY. CO. (Electric).
132 Mls, 3 Loco, Cars: 14 Frt, 116 Pass, 16 Misc
Receivers appointed Dec. 27, 1921.
J. W. Shartel, Recr. ... 209 Term. Bldg., Oklahoma City, Okla.
G. A. Henshaw, Recr. ... "
G. T. Lackey, V.-Pres. & Agt. for Recrs. ... "
C. Hoopes, Sec. & Oper. Mgr. ... "
E. J. Richart, Treas. ... "
W. C. Jones, Aud. ... "
A. E. Morris, G. F. & P. A. ... "
¶R. R. Evans, Pur. Agt. ... "
W. E. Voss, M. M. ... "
G. B. Treat, Ch. Eng. & Plant Mgr. ... "

726e—OKLAHOMA-SOUTHWESTERN RY. CO. 25 Mls, 4 Loco, Cars: 3 Pass
26 miles additional under construction.
Tulsa address, 322 So. Cheyenne St.
T. B. Slick, Pres. ... Tulsa, Okla
J. A. Frates, Sr., V.-Pres. ... "
O. M. Sewell, Asst. to V.-Pres. ... "
J. A. Frates, Jr., Sec. & Treas. ... "
J. H. Grant, Gen. Coun. ... Oklahoma City, Okla
I. H. Dawson, Aud. ... Tulsa, Okla
E. J. Chumlea, Aud. Frt. Accts. ... "
J. R. Sewell, Traf. Mgr. ... "
¶R. V. Miller, Gen. Mgr. ... Tulsa, Okla
G. A. Chandler, Supt. Trans. ... "
E. F. Blanchard, Supt. Claims ... "
Dr. A. R. Riley, Ch. Surg. ... "
J. P. Gannon, M. M. ... "
W. Matthews, Ch. Eng. ... "

726a—OKLAHOMA UNION RY. CO.
24 Mls, 1 Loco, Cars: 3 Frt, 22 Pass, 2 Misc, 1 Mot. Bag.
For officials see O.-So. W. Ry., No. 726e.

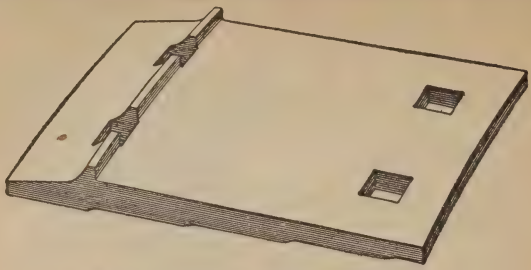
726c—OKMULGEE NORTHERN RY. CO. 10 Mls, 2 Loco, Cars: 1 Misc
T. M. Pierce, Pres. ... St. Louis, Mo
J. A. Berninghaus, V.-Pres. ... "
E. E. Schock, V.-Pres. ... Okmulgee, Okla.
D. E. Schock, Sec. ... "
W. O. Schock, Asst. Sec. ... "
¶★✠✪J. J. Schock, Treas. & Gen. Mgr. ... "
D. H. Corbell, Gen. Aud. & Asst. Gen. Mgr. ... "
O. P. Smith, Act. Traf. Mgr. ... "

727—OLEAN, BRADFORD & SALAMANCA RY. CO. (Electric).
90 Mls, 4 Loco, (Elec.) Cars: 35 Frt, 57 Pass, 11 Misc
C. N. Mason, Pres. ... New York, N. Y
✠✪C. A. Graves, V.-Pres. & Gen. Mgr. ... Olean, N. Y
D. S. Nichols, Aud. ... "
H. W. Martin, Traf. Mgr. ... "
J. Gibbons, G. F. A. ... "
C. H. Conrad, Gen. Supt. Trans. ... "
¶A. M. Gooden, Pur. Agt. ... "
§R. W. Moore, Supt. M. P. ... "

727a—OMAHA, LINCOLN & BEATRICE RY. CO. (Electric).
10 Mls, 2 Loco, Cars: 3 Frt, 8 Pass, 2 Misc
H. Musser, Pres. ... Akron, O
J. C. Musser, Sec. ... "
F. M. Millson, Traf. Mgr. ... 231 N. 14th St., Lincoln, Neb.
¶★✠J. M. Bramlette, Gen. Mgr. ... "

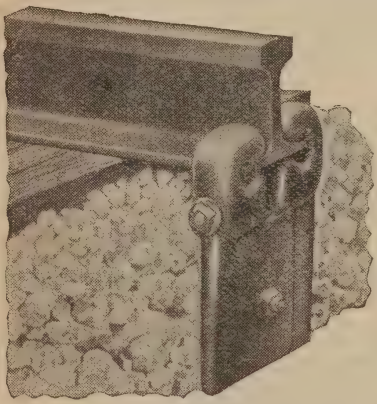
727b—ONEIDA & WESTERN R. R.
30 Mls, 5 Loco, Cars: 28 Frt, 2 Pass, 3 Misc
O. H. Anderson, Pres. & Gen. Mgr. ... Oneida, Tenn
J. T. Anderson, V.-Pres. ... Cookeville, Tenn
H. Hagemeyer, V.-Pres. & Traf. Mgr. ... Cincinnati, O
B. Hagemeyer, Sec. ... "
W. C. Anderson, Treas. ... Harriman, Tenn
W. E. Bond, Aud. & Asst. Sec. ... Oneida, Tenn
¶G. H. Jackson, Supt. & Ch. Eng. ... "
J. T. Anderson, Jr., Asst. Supt. ... "
B. C. Thompson, M. M. ... "
R. Acres, Rd. Mast. ... "

728—ONTONAGON R. R. CO.
15 Mls, 1 Loco, Cars: 89 Frt, 1 Misc
C. H. Worcester, Pres. ... Chassell, Mich
E. A. Hamar, V.-Pres. ... "
R. Cousin, Sec. ... Ontonagon, Mich
M. F. Worcester, Treas. ... "
¶★✠J. H. Bice, Mgr. ... "



The Lundie Tie Plate

Will give rail and wheels longer life.
Will hold gauge and not injure a single fibre of the tie.
Will not rattle.



The Lundie Duplex Rail Anchor

Requires only one anchor per rail.

Will hold in both directions.

The Lundie Engineering Corporation
285 Madison Avenue, New York
166 West Jackson Boulevard, Chicago

729—ORANGE & FREDERICKSBURG R. R.
38 Mls, 3 G, 3 Loco, Cars: 66 Frt, 2 Pass
P. H. Faulconer, Pres..... } Fredericksburg, Va
R. L. Briscoe, V.-Pres..... } "
H. C. Warren, Sec..... "
E. T. Peyton, Treas..... "
V. R. Shackelford, Gen. Coun. "
¶✠✪C. L. Young, Gen. Mgr.. "
W. Raines, M. M..... "

—† ORANGE & NORTH WESTERN R. R. CO.
See Gulf Coast Lines, No. 394a.

730—

731—OREGON, CALIFORNIA & EASTERN RY. CO.
42 Mls, 3 Loco, Cars: 72 Frt, 2 Pass, 4 Misc
130 miles additional under construction.
New York address, 143 Liberty St.
✪R. E. Strahorn, Pres....Spokane, Wash
M. G. MacNevin, V.-Pres..New York, N.Y
A. G. Smith, Sec..... .Spokane, Wash
I. L. C. Gooding, Treas..New York, N.Y
¶★§W. E. Bond, Supt. Klamath Falls, Ore
N. H. Bogue, Ch. Eng. "

732—†OREGON ELECTRIC RY. CO.
See S., P. & S.R.R., No. 933a.

733—OREGON, PACIFIC & EAST'N RY CO. 23 Mls, 3 Loco, Cars: 85 Frt, 3 Pass, 1 Misc
¶★✠✪S. M. Anderson, Pres. & Gen. Mgr....Aberdeen, Wash
W. H. Abel, V-Pres...Montesano, Wash
G. E. Anderson, Sec....Aberdeen, Wash
H. N. Anderson, Treas. "
A. W. Middleton, Gen. Aud..... "
E. R. Morford, Aud. & } Cottage Grove, Ore.
G. F. A..... }
H. B. Anderson, Gen. Supt. "

—† OREGON SHORT LINE R.R.CO.
See Union Pacific System, No. 1001b.

—† OREGON TRUNK RY.
Operated by S., P. & S. R. R., No. 933a.

—† OREGON-WASHINGTON R.R. & NAVIGATION CO.
See Union Pacific System. No. 1001c.

734—OSAGE RY. CO.
18 Mls, 3 Loco, Cars: 4 Frt, 10 Misc
J. E. Gowan, Pres.....Philadelphia, Pa
N. L. Crawley, Treas.. "
¶R. M. Pope. Asst. Treas. & Pur. Agt .....Muskogee, Okla
L. P. Groves, Aud. & G. F. A..... "
★✠✪W. L. Fox, Mgr.....Shidler, Okla

734a—OSHAWA RY. CO., THE
17 Mls, 5 Loco (Elec), Cars: 2 Frt, 8 Pass, 4 Misc
H. W. Thornton. Pres....Montreal, Que
D. E. Galloway, V.-Pres. "
J. H. Valleau, Sec. & Treas .....Gananoque, Ont
J. A. Yates. Gen. Treas..... } Montreal, Que.
J. M. Rosevear, Gen. Compt. }
T. H. Cooper, Gen. Aud..... "
¶✪H. Wm. Cooper, Mgr. Gananoque, Ont
★J. J. Callaghan, Supt.....Oshawa, Ont
H. A. Cooper, Rd. Mast.... "

735—OTTAWA & NEW YORK RY.
Mileage and Equipment included in N. Y. C. R. R., No. 693.
J. E. Davenport, Supt.....Utica, N. Y
Operated by N. Y. Cent. R. R., No. 693.

736—OUACHITA & NO.-WEST'N R. R. CO. 35 Mls, 1 Loco, Cars: 3 Frt, 2 Misc
Kansas City address, Long Bldg.
★✠✪C. E. Slagle, Pres. & Gen. Mgr.....Clarks, La
W. B. Pettibone, V.-Pres. Hannibal Mo
¶A. W. Johnson, Sec., Treas., Asst. Gen. Mgr. & Pur. Agt. Clarks, La
J. E. Godfrey, Aud..... "
F. C. Broadway, Trf. Mgr. Kansas City, Mo

737—OWASCO RIVER RY., THE
4 Mls, 4 Loco, Cars: 33 Frt
Chicago address, 606 So. Michigan Ave.
H. B. Utley, Pres.....Chicago, Ill
J. G. Wood, V.-Pres..... "
J. L. DeVries, Sec.....Auburn, N. Y
C. W. Embody, Treas.... "
J. E. Ryan, Aud.....Chicago, Ill
★✠T. J. Maloney, Gen. Mgr.. "
M. J. Lower, Asst. Gen. Mgr. Auburn, N.Y
¶W. B. Edgar, Pur. Agt.....Chicago, Ill

737c—OZARK SOUTHERN RY.
16 Mls, 2 Loco, Cars: 2 Pass
¶★✠C. H. Burdett, Pres.....Ava, Mo

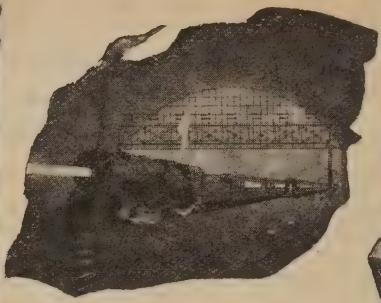
—† PACIFIC & ARCTIC RY. & NAVIGATION CO.
See White Pass & Yukon Route, No. 1054.

737b—PACIFIC & IDAHO NOR. RY. CO.
90 Mls, 4 Loco, Cars: 25 Frt, 5 Pass, 14 Misc
S. Norris Pres.....New York, N. Y
¶★§✠✪L. Young, V.-Pres. & Gen. Mgr..... } Weiser, Idaho.
F. D. Stover, Asst. to Gen. Mgr. "
R. L. Clough, Aud..... "
A. H. O'Leary, Supt..... "

737a—PACIFIC COAST R. R. CO.
54 Mls, 9 Loco, Cars: 496 Frt, 4 Pass, 27 Misc
New York address, 30 Church St.
Seattle address, 612 L. C. Smith Bldg.
E. C. Ward, Pres..... } Seattle, Wash.
N. D. Moore, V.-Pres..... }
W. M. Barnum, V.-Pres.... } New York, N. Y.
W. Barnum, V.-Pres..... }
H. M. Watkins, Sec. & Aud.... } Seattle, Wash.
G. W. Mertens, G. F. & P. A. & Supt..... }
E. L. Dean, Asst. Supt..... "
¶W. E. Nichols, Pur. Agt..... "
J. Willers, M. M..... "
W. E. Sherlock, For. Car Rep. "
A. F. Marion, Ch. Eng..... "
T. Moriarty, Rd. Mast..... "

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York • Chicago

EMPIRE BOLTS & NUTS



Improved Maintenance at Reduced Cost

EMPIRE is not merely the name of a steel nut. It is a safeguard against the needless accidents and replacements that run up the cost of engine maintenance.

A few months' experience with Empire cold-punched steel nuts will teach you much. It will show you that the "saving" afforded by hot pressed steel nuts was mere delusion — that what you saved in first cost was dissipated in frequent replacements, with all the expense for labor and tying up of stock which these entail.

Empire cold-punched steel nuts cost little more in the beginning and much less in the end. They outlast, many times over, any hot pressed nuts you can make or buy. Their surfaces are free from burrs and their threads from the scales that cause bad fit and quick wear.

Seekers after real economy use Empire cold-punched steel nuts exclusively. They find them a big factor in the reduction of maintenance costs.

You, too, should know these savings. As the first step, why not write today for the Empire catalog and prices?

RUSSELL, BURDSALL & WARD BOLT & NUT COMPANY

PORT CHESTER, N.Y.

Branch Offices: Sears Building CHICAGO · Branch Office: General Motors Bldg. DETROIT · Branch Factory: ROCK FALLS, Ills. · Storage & Offices: 1-3 Jackson Street SEATTLE · Shipping & Warehouse, Inc. 178-188 Bermuda Street SAN FRANCISCO

Manufacturers of Bolts, Nuts and Rivets

737e—PACIFIC COAST RY. CO.

103 Mls, 3 G, 8 Loco, Cars: 271 Frt, 11 Pass., 10 Misc

E. W. Clark, V.-Pres.. { Union Oil Bldg., Los Angeles, Cal
W. T. Masengill, G.F. & P.A. & Supt.....San Luis Obispo, Cal
§ T. J. Hanrahan, M. M..... "
H. Bunce, Rd. Mast....Santa Maria, Cal

For other officials see P. C. R. R., No. 737a

737f—PACIFIC ELECTRIC RY. CO.

1,154 Mls, 1 Steam & 54 Elec. Loco, Cars: 2,865 Frt, 920 Pass, 157 Misc

Los Angeles address, Pacific Elec. Bldg
San Francisco address, So. Pac. Bldg.
P. Shoup, Pres.....San Francisco, Cal
✪D. W. Pontius, V.-Pres. & Gen. Mgr.....{ Los Angeles, Cal.
F. Karr, 2d V.-Pres. & Chief Coun..... "
L. A. Lovell, Sec. & Aud... "
M. S. Wade, Treas..... "
C. H. Burnett, Mgr. Real Estate, Taxes & Resorts. "
T. J. Day, Frt. Traf. Mgr... "
G. F. Squires, Asst. Frt. Traf. Mgr..... "
O. A. Smith, Pass. Traf. Mgr. "
H. O. Marler, Asst. Pass. Traf. Mgr..... "
E. T. Albert, Frt. Clm. Agt.. "
S. A. Bishop, Clm. Agt..... "
F. L. Annable, Gen. Supt.. "
R. S. Maison, Car Serv. Agt. "

SUPERINTENDENTS.

A. C. Bradley.....Los Angeles, Cal
O. P. Davis..... "
W. C. White..... "

ASSISTANT SUPERINTENDENTS.

C. H. Belt.....Los Angeles, Cal
E. Clark..... "
F. E. Peachey.....San Benardino, Cal
H. E. Rodenhouse.....Pasadena, Cal
O. Taylor.....Los Angeles, Cal
S. E. Wilson..... "

¶C. Thorburn, Gen. Pur. Agt.....{ Los Angeles, Cal.
§ S. H. Anderson, Supt. Power & Equip..... "
F. E. Geibel, Asst. Supt. of Equip..... "
E. C. Johnson, Ch. Eng.... "

737g—PACIFIC GREAT EASTERN RY. CO.

361 Mls, 12 Loco, Cars: 241 Frt, 25 Pass, 60 Misc

82 miles additional under construction.

Vancouver address, 810 Vancouver Block
✪W. H. Sutherland, Pres... { Vancouver, B.C.
✠F. Kilpatrick, Gen. Mgr... { B.C.
R. Wilson, Compt. & Asst. Gen. Mgr..... "
L. T. Sargent, G. F. A..... "
¶J. Williams, Pur. Agt..... "
W. Rae, Act. Supt. M. P... "

737d—PACIFIC NORTHWEST TRACTION CO. (Electric).

67 Mls, 6 Loco. (Elec.), Cars: 88 Frt, 15 Pass, 4 Misc

Bellingham address, 301 E. Holly St.
Seattle address, 860 Stuart Bldg.
Boston address, 147 Milk St.

F. S. Pratt, Ch. of Board..Boston, Mass
A. W. Leonard, Pres.....Seattle, Wash
W. H. McGrath, V.-Pres.. "
D. C. Barnes, V.-Pres.....Boston, Mass
W. T. Crawford, Sec..... "
J. B. Howe, Asst. Sec.....Seattle, Wash
H. B. Sawyer, Treas.....Boston, Mass
E. P. Donegan, Asst. Treas.....Everett, Wash
C. E. Stroop, Asst. Treas.....Bellingham, Wash
F. W. Brownell, Compt..Seattle, Wash
W. H. Somers, Traf. Mgr. "
J. W. Payne, Stat..... "
G. Newall, Mgr.....Everett, Wash
H. B. Sewall, Mgr...Bellingham, Wash
J. Hickok, Supt..... "
C. C. Coates, Supt.....Everett, Wash
¶E. L. Noyes, Pur. Agt. Bellingham, Wash
¶G. J. Lancaster, Pur. Agt. Everett, Wash
R. B. Richardson, M. M.....Bellingham, Wash
C. Snitzler, M. M.... "
G. E. Quinan, Ch. Elec. Eng. Seattle, Wash

737h—PADUCAH & ILLINOIS R. R.

14 Mls. Equipment owned—none.

Hale Holden, Pres.....Chicago, Ill
W. R. Cole, V.-Pres.....Nashville, Tenn
A. E. Clift, V.-Pres.....Chicago, Ill
T. A. Clarkson, Sec.....Nashville, Tenn
C. I. Sturgis, Treas.....Chicago, Ill
E. M. Shelton, Gen. Coun.. "
F. Hall, Asst. Gen. Coun. Nashville, Tenn
H. W. Johnson, Gen. Aud..Chicago, Ill
L. C. Mahoney, Traf. Mgr.. "
W. L. Nichol, G. F. A...Nashville, Tenn
¶★W. P. Bruce, Gen. Mgr. "
W. J. Hills, Supt.....Paducah, Ky
H. McDonald, Ch. Eng..Nashville, Tenn
G. A. Haggander, Bridge Eng. "

738—PAJARO VALLEY CONSOLIDATED R. R. CO.

40 Mls, 3 G, 9 Loco, Cars: 174 Frt, 4 Pass

J. D. Spreckels, Pres.... { 2 Pine St., San Francisco, Cal.
W. H. Hanman, Sec.... { San Francisco, Cal.
W. G. Blackie, Compt. { San Francisco, Cal.
¶★§✠✪F. E. Sullivan, Gen. Mgr..... "
H. V. McNamara, Traf. Mgr..... "

739—PANAMA R. R.

56 Mls, 5 G, 40 Loco, Cars: 1,951 Frt, 49 Pass, 20 Misc

New York address, 24 State St.

M. L. Walker, Pres., Balboa Heights, C.Z
E. A. Drake, V.-Pres.....New York, N.Y
H. Burgess, 2 V-Pres Balboa Heights, C.Z
T. H. Rossbottom, 3 V.-Pres. { New York, N.Y.
W. R. Pfizer, Sec..... { New York, N.Y.

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

"American Brand"

WEATHERPROOF

Copper Wire and Cables
Iron Wire
Slow Burning Weatherproof copper wire and cable (black)
Slow Burning copper wire and cable (white)
Hot Rolled Copper Rods

BARE COPPER WIRE

and cables

GALVANIZED GUY WIRE

MAGNET WIRE

American Insulated Wire & Cable Co.
Chicago, Illinois

739—PANAMA—Continued.
V. M. Newton, Treas. ..... } New York,
R. R. Rogers, Gen. Coun... } N. Y.
E. J. Thiry, Act. Aud. ..... "
T. J. Bower, Pass. Agt. ..... "
A. E. Paterson, Frt. Agt. ..... "
S. W. Heald, Supt. ..... } Balboa
★R. Beverley, Asst. to Supt } Heights, C.Z.
W. L. G. McGuire, Term. Supt. ..... New York, N. Y
¶ A. L. Flint, Gen. Pur. Agt. ..... Washington, D. C
W. J. Sheridan, Asst. Pur. Agt. ..... } New York, N. Y.
M. B. Connolly, Rd. Mast. } Balboa
W. L. Hersh, Supt. Tele. } Heights, C.Z.
& Telo. Sigs ..... "

739a—PANHANDLE & SANTA FE RY. CO. 918 Mls. Equipment owned—none
F. A. Lehman, V.-Pres. & Gen. Mgr. ..... Amarillo, Tex
J. N. Freeman, Sec. & Treas ..... "
A. E. Meyer, Aud. ..... "
C. Walsh, G. B. A. ..... "
B. Jarrott, Clm. Agt. ..... "
J. F. Anton, Supt. ..... Slaton, Tex
J. D. Sweeney, Car Acct. Amarillo, Tex
¶ W. W. Davis, Pur. Agt. & Str. Kpr. ..... "
G. R. Miller, M. M. ..... Slaton, Tex
E. B. Caraway, Rd. For. Eng. "
C. W. Owens, Rd. For. Eng. ..... Amarillo, Tex
F. S. Hewes, Div. Eng. ..... Slaton, Tex
J. A. Klasner, Gen. For. B. & B. "
ROAD MASTERS.
C. E. Brown ..... Slaton, Tex
W. E. Connell ..... Shattuck, Okla
F. B. Hart ..... Amarillo, Tex
G. B. Hickok ..... Slaton, Tex
H. L. Sandlin ..... Plainview, Tex
For other officials see A., T. & S. Fe Ry., No. 40.

739b—PARAGOULD-MEMPHIS R. R. CO. 9 Mls, 1 Loco, Cars: 10 Frt
J. W. Vail, Pres. ..... Cardwell, Mo
E. Vail, V.-Pres. ..... "
D. R. Vail, Sec. & Treas. ..... "
P. Hendrix, Aud. ..... "
¶★✠L. Walker, Gen. Mgr. & G. F. & P. A. ..... "

739c—PARIS & GREAT NORTHERN R. R. 17 Mls. Equipment owned—none.
O. H. McCarty, V.-Pres. & Gen. Supt. ..... Ft. Worth, Tex
F. H. Hamilton, Asst. Sec. & Asst. Treas ..... St. Louis, Mo
W. C. Preston, Traf. Mgr. Ft. Worth, Tex
For other officials see St. L.-S. F. Ry., No. 847

740—PARIS & MT. PLEASANT R. R. CO. 51 Mls, 3 Loco, Cars: 15 Frt, 4 Pass, 6 Misc
Receiver appointed Feb. 26, 1920
✪R. W. Wortham, Recr. ..... Paris, Tex
✪N. H. Ragland, Sec. & Gen. Mgr. "
T. J. Record, Treas. ..... "
¶★✠F. L. Brantley, Aud. & G. F. & P. A. ..... "

741—PARRAL & DURANGO R. R.
67 Mls, 3 G, (8 Mls, 4:8½ G by third rail), Cars: 129 Frt, 6 Pass, 5 Misc
El Paso address, 1112 Mills Bldg.
New York address, 120 Broadway.
✪H. A. Guess, Pres. ..... New York, N. Y
W. M. Drury, V.-Pres. ..... El Paso, Tex
T. Stierlen, Aud. ..... Parral, Mex
✠J. C. Long, Gen. Mgr. ..... "
¶ J. M. Davis, Pur. Agt. ..... El Paso, Tex
★§M. Cortez, Supt. ..... Parral, Mex

742—PATAPSCO & BACK RIVERS R.R. CO. 56 Mls, 27 Loco. Cars owned - None
T. W. Stingley, Pres. Sparrow Point, Md
F. A. Shick, Compt. ..... Bethlehem, Pa
J. M. Gross, Gen. Traf. Mgr. "
¶★✠W. C. Worth, Pur. Agt. "

743—PEARL RIVER VALLEY R.R. CO.
26 Mls, 1 Loco, Cars: 8 Frt, 1 Pass
✪R. L. Emery, Pres. ..... Picayune, Miss
T. Brady, Jr., Gen. Atty. ..... Brookhaven, Miss
P. V. Rowlands, V.-Pres & Gen. Mgr. ..... Picayune, Miss
¶★✠J. E. Du Pont, V-Pres. "
A. H. Knight, Sec. ..... "
L. M. Albritton, Supvr. ..... "
A. M. Shaw, Consit. Eng. New Orleans, La

744—PECOS VALLEY SOUTHERN RY. CO., THE
40 Mls, 2 Loco, Cars: 2 Frt, 2 Pass, 6 Misc
S. Cowan, Pres. ..... Pecos, Tex
¶✪L. W. Anderson, V.-Pres. & Gen. Mgr. ..... "
T. W. Slack Sec. ..... Ft. Worth, Tex
S. Mayer, Treas. ..... Pecos, Tex
M. Glover, Aud. ..... "
T. Y. Casey, Traf. Mgr. ..... Dallas, Tex
✠W. Garlick, Supt. & M. M. ..... Pecos, Tex

745—746—

747—PENCOYD & PHILADELPHIA R.R.
3 Mls, 3 Loco. Cars owned; none.
Pittsburgh address, Frick Bldg.
¶★✠H. L. James, V.-Pres. & Gen. Mgr. ..... Pencoyd, Pa
R. F. Ball, Sec. ..... Pittsburgh, Pa
F. A. Bedford, Traf. Mgr. Philadelphia, Pa

748—PENINSULAR RY. CO. (Electric)
65 Mls, 3 Loco (Elec), Cars: 11 Frt (including 2 motor Equipped), 37 Pass, 5 Misc
P. Shoup, Pres. ..... San Francisco, Cal
L. A. Lovell, Aud. ..... Los Angeles, Cal
E. G. Shoup, Traf. Mgr. ..... San Jose, Cal
F. Griffin, Gen. Supt. ..... "
¶ C. Thorburn, Pur. Agt. .. Los Angeles, Cal
H. J. Rego, M. M. ..... San Jose, Cal
R. L. Smith, Ch. Eng. ... "

749—PENNSYLVANIA & ATLANTIC R. R. 25 Mls, 3 Loco, Cars: 3 Pass, 2 Misc
✪G. L. Shinn, Pres. ..... New Egypt, N. J
J. Holmes, V.-Pres. ... Cream Ridge, N. J
W. H. Davis, Sec. ..... New Egypt, N. J
T. Meirs, Treas. ..... Cream Ridge, N. J
¶★✠F. Johnson, Supt. & Pur. Agt. ..... New Egypt, N. J

750—

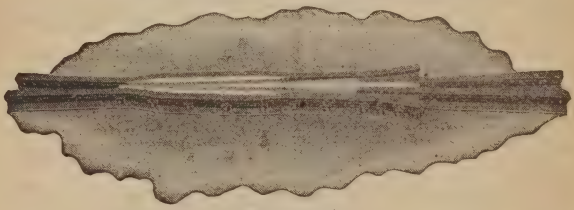
THE FROG, SWITCH & MFG. CO.

CARLISLE, PA.

FROG AND SWITCH DEPARTMENT

MANUFACTURERS OF

MANGANESE INSERT FROGS, CROSSINGS
AND SPLIT SWITCHES
SOLID MANGANESE FROGS
AND CROSSINGS
PLAIN FROGS, SWITCHES, CROSSINGS
SWITCH STANDS & ACCESSORIES.



MANGANESE STEEL DEPARTMENT

MANUFACTURERS OF

"INDIAN BRAND"
HIGH GRADE MANGANESE STEEL CASTINGS
FOR FROGS, SWITCHES & CROSSINGS
JAW & GYRATORY CRUSHERS
CEMENT MILL, MINING MACHINERY, ETC.
GRAY IRON CASTINGS.

ESTABLISHED 1881

751—PENNSYLVANIA R. R., THE

COMPRISING:
Connecting Terminal R. R.
Ohio River & Western R. R.
Philadelphia & Camden Ferry.
Rosslyn Connecting R.R.
Waynesburg & Washington R. R
West Jersey & Seashore R. R.
10,529 Mls, 7,103 Loco (including 38 Electric),
Cars: 274,004 Frt, 7,089 Pass, 4,196 Misc
Mileage also shown separately for each Region.

System Officials.

Philadelphia address, Broad St. Station.
New York address, Penna. Station.
Pittsburgh address, Penna. Station.
Chicago address, Union Station.
St. Louis address, Syndicate Trust Bldg.

EXECUTIVE, FINANCIAL AND LEGAL

W. W. Atterbury, Pres. Philadelphia, Pa
G. D. Dixon, Asst. to Pres. "
W. U. Moyer, Asst. to Pres. "
E. Lee, V.-Pres. (Oper.).... "
M. W. Clement, Asst. V.-Pres. (Oper.)..... "
J. L. Eysmans, V.-Pres. (Traffic)..... "
A. J. County, V.-Pres. (Treasury, Accounting & Corp. Work)..... "
¶M. C. Kennedy, V.-Pres. (Pur. Strs. & Insur.)..... "
C. B. Heiserman, V.-Pres. & Gen. Coun..... "
T. W. Hulme, V.-Pres. (R. E., Valua. & Tax.).. "
G. L. Peck, V.-Pres. (Personnel)..... "
B. McKeen, Res. V.-Pres...St. Louis, Mo
G. J. Adams, Ch. of Corp. Work.....Philadelphia, Pa
C. M. South, Asst. Ch. of Corp. Work..... "
Lewis Neilson, Sec..... "

ASSISTANT SECRETARIES.

E. H. Brown.....Philadelphia, Pa
S. H. Church.....Pittsburgh, Pa
J. W. Marshall.....New York, N. Y
J. L. Mason.....Pittsburgh, Pa
J. T. Willcox.....} Philadelphia,
J. G. Watson (Asst. to Sec.)... } Pa.
H. H. Lee, Treas.....Philadelphia, Pa

ASSISTANT TREASURERS.

H. P. Conner.....Philadelphia, Pa
J. W. Marshall.....New York, N. Y
G. A. Walker.....Philadelphia, Pa
J. M. Wood..... "
C. C. Blair (Asst. to Treas.) Pittsburgh, Pa
H. Hurst (Asst. to Treas.) "
E. H. Seneff, Gen Solr..Philadelphia, Pa
H. W. Bikle, Gen. Atty. "

ASSISTANT GENERAL COUNSELS.

G. R. Allen.....Philadelphia, Pa
E. M. Davis.....Pittsburgh, Pa
H. S. P. Nichols.....Philadelphia, Pa
J. Stillwell.....Pittsburgh, Pa
D. P. Williams..... "

ASSISTANT GENERAL SOLICITORS.

S. G. Cramp.....Pittsburgh, Pa
W. M. Fletcher.....Philadelphia, Pa
J. E. Gowen..... "
H. Z. Maxwell..... "
G. Orcutt.....Pittsburgh, Pa
A. Ward.....Philadelphia, Pa

H. E. Cain, Ch. Clm. Agt. Philadelphia, Pa
E. L. Covert, Ch. Clm. Agt. Pittsburgh, Pa

REAL ESTATE.

T. W. Hulme, V.-Pres..Philadelphia, Pa
J. P. Gauff, R. E. Agt.. "
W. W. Mayer, R. E. Agt..Pittsburgh, Pa

ASSISTANT REAL ESTATE AGENTS.

T. F. McClain.....Philadelphia, Pa
A. R. Meredith.....Pittsburgh, Pa
F. C. Sweeton.....Philadelphia, Pa

R. H. Newbern, Supt. Ins. Dept.....Philadelphia, Pa

ACCOUNTING.

A. J. County, V.-Pres.....} Philadel-
E. A. Stockton, Compt.....} phia, Pa
F. J. Fell, Jr., Deputy Compt.. "
J. W. Orr, Asst. Compt..... "
J. Hurst, Asst. Compt..... "

AUDITORS.

W. B. Kraft (Revenues). } Philadelphia,
H. J. Walker (Disburse) } Pa.
C. E. Ward (Through Pass. Traffic)..... "
J. B. Moffitt, Jr. (Through Frt. Traf.)..... "
J. E. Merion (Loc. Frt. Traf.) ..... "
F. E. Atkins (Loc. Pass. Traf.) "

ASSISTANT AUDITORS.

W. L. Markley (Revenues).. } Philadel-
J. R. Black, Jr. (Disburse).. } phia, Pa
H. M. Langworthy (Through Pass. Traf.)..... "
F. E. Shallenberger (Through Frt. Traf.)..... "
W. F. Sims (Through Frt. Traf.)..... "
F. M. McIntyre (Loc. Frt. Traf.) "
U. G. Rowley (Loc. Pass. Traf). "

TRAFFIC.

J. L. Eysmans, V.-Pres. Philadelphia, Pa
C. B. Sudborough, Gen. Traf. Mgr..... "
J. B. Large, Asst. Gen. Traf. Mgr..... "
W. Hodgdon, Asst. to Gen. Traf. Mgr.....Chicago, Ill

TRAFFIC MANAGERS.

J. J. Koch.....Pittsburgh, Pa
G. S. McCabe (Asst. to).. "
G. D. Ogden.....Philadelphia, Pa
J. E. Weller.....Chicago, Ill
W. S. Yeatts (Asst. to)..Philadelphia, Pa

FREIGHT TRAFFIC MANAGERS.

W. C. Glynn.....Pittsburgh, Pa
J. T. Johnston.....Chicago, Ill
C. T. Mackenson, Jr...Philadelphia, Pa

ASST. FREIGHT TRAFFIC MANAGERS.

E. P. Bates.....Philadelphia, Pa
M. S. Connelly.....} Pittsburgh,
S. C. Matthews..... } Pa.
V. C. Williams..... "

STANDARD COUPLERS
STANDARD STEEL PLATFORMS
SESSIONS-STANDARD FRICTION DRAFT GEAR
Made by
Standard Coupler Co.
110 East 42d St., N.Y.

John A. Roebling's Sons Co.

TRENTON, N. J.

New York Boston Philadelphia Cleveland
Atlanta Pittsburgh Chicago
San Francisco Los Angeles Seattle Portland, Ore.

Roebling Wire Rope—
Switching and Wrecking Ropes
Wire Rope Slings
Wire Rope Fittings
Bell Cord and Signal Cord
Alligator Wrenches
Galvanized Strand

Galvanized Telegraph and Telephone Wire
Galvanized Bond Wire
Galvanized Signal Wire
Bare Copper Wire
Insulated Wires
Insulated Cables

Gas and Electric Welding Wire

751—PENNSYLVANIA R. R.—Continued.

System Officials—Continued.

H. J Freeman, Freight Clm. Agt.....Philadelphia, Pa

ASSISTANT FREIGHT CLAIM AGENTS.

J. H. Baer.....Philadelphia, Pa
A. P. Hickox..... "
D. M. Sheaffer, Mgr. Mail & Express Traf.....Philadelphia, Pa
F. Hance, Asst. Mgr. Mail Traf..... "
R. L. Spencer, Warehouse Supt.....Pittsburgh, Pa
F. J. Scarr, Supvr. Motor Serv.....Philadelphia, Pa

GENERAL FREIGHT AGENTS.

A. J. Ball.....Philadelphia, Pa
B. H. Dally.....St. Louis, Mo
W. H. Johnson.....Chicago, Ill
H. C. Oliver.....Pittsburgh, Pa
F. X. Quinn.....New York, N. Y

ASST. GENERAL FREIGHT AGENTS.

R. R. Blydenburgh....Philadelphia, Pa
R. W. Cooke.....Chicago, Ill
F. W. Nash.....St. Louis, Mo
W. McL. Pomeroy.....Pittsburgh, Pa
S. T. Stackpole.....Detroit, Mich
V. P. Sumerfield.....Philadelphia, Pa
W. K. Emery, Gen. East. Frt. Agt.....New York, N. Y

FOREIGN FREIGHT AGENTS.

E. S. Neilson (Gen.)...Philadelphia, Pa
W. L. Newberrey.....Chicago, Ill
A. B. Scott.....New York, N. Y

COAL TRAFFIC MANAGERS.

J. T. Carbine.....Pittsburgh, Pa
W. Thayer.....Philadelphia, Pa

COAL FREIGHT AGENTS.

S. A. Latimer.....Pittsburgh, Pa
C. H. Lippincott.....Philadelphia, Pa

W. R. Cox, Coal & Ore Agt. Cleveland, O

PASSENGER TRAFFIC MANAGERS.

J. P. Anderson.....Chicago, Ill
D. N. Bell.....Philadelphia, Pa
F. W. Conner.....Pittsburgh, Pa

GENERAL PASSENGER AGENTS.

O. T. Boyd.....Philadelphia, Pa
C. H. Mathews, Jr.....Pittsburgh, Pa
W. W. Richardson.....St. Louis, Mo
A. H. Shaw.....Chicago, Ill

ASSISTANT GENERAL PASSENGER AGENTS.

F. A. Bauchens.....St. Louis, Mo
A. E. Buchanan.....Philadelphia, Pa
C. W. Getty.....Chicago, Ill
C. E. McCullough....Washington, D. C
F. McD. Quinn.....Pittsburgh, Pa
E. Yungman.....Philadelphia, Pa

W. Pedrick, Jr., Gen. East. Pass. Agt.....New York, N. Y

GENERAL BAGGAGE AGENTS.

A. A. Brown.....Philadelphia, Pa
R. B. Jones.....Chicago, Ill
C. S. Shoemaker.....Pittsburgh, Pa

ASSISTANT GENERAL BAGGAGE AGENTS.

W. Q. Ingamells.....St. Louis, Mo
E. W. McCabe.....Pittsburgh, Pa
A. C. Yorke.....Philadelphia, Pa

SUPERINTENDENTS RESTAURANT SERVICE.

H. H. Baker.....New York, N. Y
M. S. Brooks (Asst.).... "
L. A. Lyons (Asst.) .... "
C. E. Milliron.....Columbus, O
C. T. Winkler (Asst.).....Chicago, Ill

OPERATING.

E. Lee, V.-Pres.....Philadelphia, Pa
M. W. Clement, Asst. V.-Pres. (Oper.)..... "
C. M. Sheaffer, Ch. of Trans... "
J. F. Deasy, Asst. Ch. Trans. Frt. "
S. M. Rankin, Asst. Ch. Trans. Pass..... "
J. C. Johnson, Gen. Supt. Tel... "
I. C. Forshee, Tel. & Tel. Eng... "
E. T. Kennan, Supt. Car Serv. "
I. A. Miller, Supvr. Oper. Expend. "
E. B. Hunt, Supt. Relief & Pension Depts..... "

PURCHASING.

¶ M. C. Kennedy, V.-Pres. Philadelphia, Pa
¶ Samuel Porcher, Gen. Pur Agt..... "
W. W. Morris, Asst. to Gen. Pur. Agt..... "
¶ Montgomery Smith, Pur. Agt "

ASSISTANT PURCHASING AGENTS.

H. A. Anderson.....Philadelphia, Pa
A. E. Owen.....Chicago, Ill
C. R. Peddle.....St. Louis, Mo
W. G. Phelps.....Pittsburgh, Pa
B. P. Phillippe.....Philadelphia, Pa
C. E. Walsh..... "

ASSISTANTS TO PURCHASING AGENTS.

J. Deery.....Philadelphia, Pa
P. L. Grammer..... "
E. J. Remensnyder.... "

STORES.

C. D. Young, Stores Mgr. Philadelphia, Pa
R. C. Harris, Asst. to Strs. Mgr..... "
C. B. Hall, Gen. Str. Kpr.. "
O. V. Daniels, Gen. Str. Kpr. Altoona, Pa

ASSISTANT GENERAL STORE KEEPERS.

S. I. Gowland.....Philadelphia, Pa
C. W. Kinnear.....Altoona, Pa
O. B. Mills.....Philadelphia, Pa
W. L. Oswalt.....Altoona, Pa
W. F. Vogt.....Philadelphia, Pa
J. Foley, Forester.....Philadelphia, Pa

MECHANICAL.

J. T. Wallis, Ch. M. P.....Philadelphia, Pa
J. M. Henry, Asst. Ch. M. P.
R. L. Kleine, Asst. Ch. M. P.... "
J. A. Lockard, M. P. Acct..... "
W. F. Kiesel, Jr., Mech. Eng.. Altoona, Pa
H. A. Hoke, Asst. Mech. Eng. "

ASSISTANT ENGINEERS (MECH.)

B. S. Brown.....Altoona, Pa
R. C. Burns..... "
F. K. Fildes..... "
R. N. Miller..... "
M. E. McDonnell, Ch. Chemist Altoona, Pa
T. W. Fisher, Asst. Ch. Chem "
F. M. Waring, Eng. Tests.. "
C. D. Barrett, Asst. Eng. Tests. "
K. E. Hofammann, Asst. Eng. Tests..... "
J. V. B. Duer, Elec. Eng.... "
S. M. Viele, Asst. Elec. Eng. "

For faster schedules, longer trains, and less fuel consumption without changes in motive power, you can look to

Timken Tapered Roller Bearings

751—PENNSYLVANIA R. R.—Continued.

System Officials—Continued.

ASSISTANT ENGINEERS (ELEC.)

E. P. Chase.....Altoona, Pa
J. L. Minick..... "
T. J. Boring, Gen. For. M.
C. B. Cl. Hse.....Altoona, Pa
W. E. Bartholomew, Gen. Shop Insp..... "

ALTOONA WORKS.

F. G. Grimshaw, Works Mgr. Altoona, Pa
H. A. Brennan, Asst. Wks. Mgr..... "
A. C. Davis, Asst. Wks. Mgr. "
M. J. Davis, Asst. Eng..... "
H. W. Jones, M. M..... Juniata, Pa. P. O. Altoona
J. C. Mengel, M. M.....Altoona, Pa
W. F. Eberle, Gen For..... "
G. B. Koch, Gen. For..... "

GENERAL SHOP FOREMEN.

J. J. Davis.....Altoona, Pa
J. C. Day..... "
S. S. Gehret..... "
H. S. Schum..... "
W. P. de Hart, Wks. Acct..Altoona, Pa

ENGINEERING, BRIDGES & ROADWAY.

A. C. Shand, Ch. Eng..Philadelphia, Pa

ASSISTANT CHIEF ENGINEERS.

J. F. Murray.....Philadelphia, Pa
T. J. Skillman.....Chicago, Ill
E. B. Temple.....Philadelphia, Pa
R. Trimble.....Pittsburgh, Pa
W. D. Wiggins..... "
G. W. Snyder, 2nd., Asst. Ch. Eng. Maint. .Philadelphia, Pa

ASSISTANTS TO CHIEF ENGINEERS.

H. C. Crowell.....Philadelphia, Pa
E. G. Ericson.....Pittsburgh, Pa
G. C. Koons.....Philadelphia, Pa
G. Nauman.....Pittsburgh, Pa
S. A. Sloan.....Philadelphia, Pa
B. V. Sommerville.....Pittsburgh, Pa
W. Elmer, Spec. Eng..Philadelphia, Pa
H. R. Leonard, Ch. Eng. Bridges & Bldgs..... "

ENGINEERS BRIDGES & BUILDINGS.

R. Farnham.....Philadelphia, Pa
J. F. Leonard.....Pittsburgh, Pa

ASSISTANT ENGINEERS BRIDGES.

R. G. Develin.....Philadelphia, Pa
J. P. Walton.....Pittsburgh, Pa
A. R. Wilson.....Philadelphia, Pa
W. B. McCaleb, Eng. Water Serv..... Philadelphia, Pa
W. H. Cookman, Arch..... "
G. W. Whiteman, Ch. Insp.... "
J. W. Stone, Valua. Eng. ..... "
D. O. Lyle, Asst. Val. Eng..... "
W. C. Cushing, Eng. Standards "

SIGNAL DEPARTMENT.

A. H. Rudd, Ch. Sig. Eng. Philadelphia, Pa
F. H. Buchanan, Asst. Ch. Sig. Eng..... "
W. M. Post, Asst. Ch. Sig. Eng. "
L. E. Carpenter, Sig. Eng. "
C. E. Goings, Sig. Eng.. "
E. K. Post, Sig. Eng..... "

751a—Eastern Region.

Comprising generally the territory east of Sodus Point, Renova and Altoona.

3,958 Mls (Mileage also included in Penna. R. R., No. 751)

Philadelphia address, Broad St. Station.

OPERATING.

C. S. Krick, V.-Pres..... Philadelphia, Pa
R. V. Massey, Gen. Mgr..... Philadelphia, Pa
C. I. Leiper, Asst. Gen. Mgr.. "
N. W. Smith, Asst. to Gen. Mgr. "
J. W. Roberts, Gen. Supt. Trans..... Philadelphia, Pa.
R. P. Russell, Supt. Frt. Trans. "
J. E. Burrell, Supt. Pass. Trans. "
F. W. B. Humes, Supt. Sta. & Transfers..... "
H. A. Enochs, Supt. Wage Bureau..... "

GENERAL SUPERINTENDENTS.

H. M. Carson.....Williamsport, Pa
H. H. Garrigues.....Harrisburg, Pa
W. M. Wardrop.....Wilmington, Del

DIVISION SUPERINTENDENTS.

P. Allen.....Cape Charles, Va
L. W. Allibone .....Sunbury, Pa
C. E. Brinser.....Elmira, N. Y
J. Buckelew.....Wilmington, Del
A. B. Clark.....Trenton, N. J
A. B. Cuthbert.....Cresson, Pa
J. O. Hackenburg. W. Philadelphia. Pa
T. C. Herbert.....Camden, N. J
W. C. Higginbottom....Harrisburg, Pa
J. K. Johnston.....Tyrone. Pa
T. B. Kennedy.....Chambersburg, Pa
L. K. Marr (Act.).....Jersey City, N. J
G. P. Miller (Asst.).....Trenton, N. J
R. R. Nace.....Reading, Pa
N. B. Pitcairn.....Altoona, Pa
R. K. Rochester.....New York, N. Y
H. H. Russell.....Williamsport. Pa
J. G. Sheaffer (Asst.)....Harrisburg, Pa
I. B. Sinclair.....Wilmington, Del
G. M. Smith.....Baltimore, Md
K. R. Vought (Act. Asst.). Jersey City, N. J
H. Cassel, Asst. Supt. Ferries.....Camden, N. J
E. Richardson, Boat Mast..Norfolk, Va
L. Sayer, Boat Mast.....New York, N. Y

TRAFFIC.

See P. R. R., No. 751.

PURCHASING.

See P. R. R., No. 751.

MECHANICAL.

R. G. Bennett, Gen. Supt. M. P.....Philadelphia, Pa

SUPERINTENDENTS MOTIVE POWER.

E. B. DeVilbiss.....Williamsport, Pa
F. L. DuBosque (Float. Equip).....New York, N. Y
C. B. Keiser.....Harrisburg, Pa
H. H. Maxfield.....Wilmington. Del
E. Sumner.....New York, N. Y

MASTER MECHANICS.

J. B. Diven.....West Philadelphia. Pa
F. L. Dobson..... Meadows, N. J. P. O. Jersey City
H. H. Haupt.....Wilmington. Del
L. B. Jones.....Harrisburg, Pa

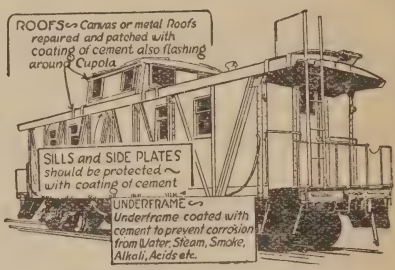
STANDARD COUPLERS
STANDARD STEEL PLATFORMS
SESSIONS-STANDARD FRICTION DRAFT GEAR

Made by
Standard Coupler Co.
110 East 42d St., N. Y.

ANNOUNCEMENT

EXCLUSIVE DISTRIBUTORS

Continental Car Cement



THE PLAIN, UNADULTERATED TRUTH ABOUT CONTINENTAL CAR CEMENT

That there is no protective coating for railroad equipment, regardless of price, better than **GENUINE CONTINENTAL CAR CEMENT** manufactured in America.

We are supported by the testimony of users everywhere, that there is no protective coating manufactured for railway equipment that will excel **GENUINE CONTINENTAL CAR CEMENT,** in permanently protecting railway equipment against deteriorating ravages of the elements.

To insure your equipment against **Rust, Rot, Corrosion,** and keep it protected against the action of deteriorating elements, **buy** and **specify**

CONTINENTAL CAR CEMENT.

MILAR, CLINCH & CO.

133 W. Washington Street - - Chicago, Illinois

PENNSYLVANIA R. R.—Continued.

751a—Eastern Region—Continued.

MASTER MECHANICS—CONTINUED.

J. T. Leach.....Altoona, Pa
H. K. Le Sure.....New York, N. Y
W. P. Morehouse (Marine). Hoboken, N. J
W. B. Ott.....Trenton, N. J
G. J. Richers.....Elmira, N. Y
G. A. Schneider.....Pottsville, Pa
W. O. Teufel.....Wilmington, Del
L. M. Willson.....Camden, N. J
C. A. Wilson.....Tyrone, Pa
R. W. Wray.....Renovo, Pa
J. Young, Jr.....Orangeville, Md / P. O. Baltimore

ASSISTANT MASTER MECHANICS.

C. G. Brown.....Trenton, N. J
E. R. Buck.....Camden, N. J
D. K. Chase.....Altoona, Pa
B. W. Kline.....New York, N. Y
E. F. Mason.....Renovo, Pa
J. S. Romig.....West Philadelphia, Pa
C. K. Stelns.....Harrisburg, Pa
G. S. West.....Meadows, N. J. / P. O. Jersey City

ROAD FOREMEN OF ENGINES.

L. N. Armstrong.....Camden, N. J
W. Colledge.....West Philadelphia, Pa
A. C. Dunn.....Wilmington, Del
S. K. Hart.....Altoona, Pa
C. C. Hipkins.....Jersey City, N. J
G. W. Humble.....Harrisburg, Pa
F. Igo.....Tyrone, Pa
S. L. Jones.....Trenton, N. J
M. J. Maloney.....Chambersburg, Pa
J. M. McCabe.....Reading, Pa
J. J. Nieman.....Baltimore, Md
J. H. Powell.....Cape Charles, Va
S. V. Sproul.....Wilmington, Del
N. Suhrie.....Williamsport, Pa
J. J. Swab.....Southport, N. Y / P. O. Elmira
G. M. Thomas.....Sunbury, Pa
M. L. Wenrich.....Altoona, Pa
J. Stair, Jr., Ch. Elec.....
A. J. Williams, Ch. Air Brk. Insp.....Philadelphia, Pa

GENERAL AIR BRAKE INSPECTORS.

C. L. Bubb.....Williamsport, Pa
L. R. Leonard.....Harrisburg, Pa

FOREMEN ENGINES FLOATING EQUIPMENT.

A. L. Skerratt.....New York, N. Y
O. W. Waterfield.....Norfolk, Va
W. C. Lindner, Ch. Car Insp.....Philadelphia, Pa

GENERAL CAR INSPECTORS.

G. T. Baker.....Harrisburg, Pa
A. Benton.....New York, N. Y
F. C. Taylor.....Wilmington, Del
G. C. Weight.....Williamsport, Pa

GENERAL FOREMEN.

P. W. Barr.....West Philadelphia, Pa
G. E. Francis.....Renova, Pa
F. A. Geib.....East Altoona, Pa
C. Geisking.....Lucknow, Pa. / P. O. Harrisburg
D. Hengstler.....Pavonia, N. J / P. O. Camden
H. B. Hilliker.....Camden, N. J

GENERAL FOREMEN—CONTINUED.

C. O. Keagy.....Wilmington, Del
W. M. Kelly.....West Philadelphia, Pa
J. C. La Porte.....Meadows, N. J. / P. O. Jersey City
H. Mandeville.....Sunnyside, N. Y. / P. O. Long Island City
W. F. Piper.....Harrisburg, Pa
I. D. Pratt.....West Philadelphia, Pa
J. H. Quinn.....Wilmington, Del
C. O. Shull.....Enola, Pa
F. A. Smock.....West Morrisville, Pa
F. M. Snyder.....Cresson, Pa
E. B. Stauffer.....Sunnyside, N. Y. / P. O. Long Island City
A. W. Sumner.....Chambersburg, Pa
T. H. Toomey.....Trenton, N. J
H. M. Wyrough.....Cape Charles, Va
J. P. Yergy.....West Philadelphia, Pa

FOREMEN CAR SHOPS.

J. B. Austin.....Paoli, Pa
F. R. Bull.....Delmar, Del
G. W. Cromleigh.....Lucknow, Pa
J. C. Deitrich.....Tyrone, Pa
E. L. Drawbaugh.....Hagerstown, Md
A. E. Eckel.....Renovo, Pa
D. Griffiths, Jr.....Camden, N. J
H. G. Hassler.....Enola, Pa
H. T. Heller.....Altoona, Pa
F. A. Hildabrand.....Camden, N. J
E. S. Hill.....Wilmington, Del
F. G. Johnson.....Greenville, N. J
F. Kagarise.....Altoona, Pa
M. R. Mallory.....Elmira, N. Y
I. S. McCracken.....Phillipsburg, N. J
C. F. McDonald.....Philadelphia, Pa
G. E. Merritt.....Baltimore, Md
H. C. Merritt.....Mt. Vernon, Md. / P. O. Baltimore
E. N. Miller.....Enola, Pa
H. Moog, Jr.....Cape Charles, Va
P. Nester.....Wilmington, Del
N. H. Nordquist.....Meadows, N. J. / P. O. Jersey City
H. S. Norris.....
J. C. Norris.....Chambersburg, Pa
C. R. Phillips.....Benning, D. C. / P. O. Washington
L. H. Querry.....Hollidaysburg, Pa
J. F. Rathvon.....Harrisburg, Pa
W. P. Rice.....Port Norfolk, Va / P. O. Norfolk
A. J. Rising.....West Morrisville, Pa
D. W. Shuey.....Enola, Pa
M. G. Smith.....Mt. Carbon, Pa / P. O. Pottsville
G. E. Snare.....Columbia, Pa
J. H. Strauser.....Northumberland, Pa
F. H. Treesh.....Cresson, Pa
G. T. Trimble.....Williamsport, Pa
F. B. White.....Philadelphia, Pa

FOREMEN PAINT SHOPS.

W. J. Dwyer.....Wilmington, Del
M. M. Hebrank (Car).....Camden, N. J
W. Hedden.....Trenton, N. J
J. W. Houser.....Chambersburg, Pa
W. N. Lamb.....Philadelphia, Pa

FOREMEN MACHINE SHOPS.

E. O. Barton.....Wilmington, Del
H. W. Geisking.....Harrisburg, Pa

Preformed Wire Rope

TRADE **TRU-LAY** MARK

[Reg. U. S. Patent Office]

With the coming of our Preformed Wire rope (TRU-LAY Brand), there developed a new conception of economy and service in wire rope operation.

Users have found that the preformed construction, exclusive with TRU-LAY Brand, means lower maintenance costs and less expensive lay-ups for replacements.

Transmission and Standing Ropes
Wrecking and Towing Ropes
Hoisting and Haulage Ropes
Flexible Crane Ropes
Wire Rope Fittings
Bridge Cables

Galvanized, Tinned and Copper Sash Cord
Gas and Electric Welding Wire
Wire Rope Lubricants
Strand Galvanized

AMERICAN CABLE COMPANY, Incorporated

Main Office
105 Hudson Street
New York City

District Offices
Chicago Cleveland
Philadelphia Tulsa

PENNSYLVANIA R. R.—Continued.

751a—Eastern Region—Continued.

FOREMEN MACHINE SHOPS—CONTINUED.

H. C. Hausman.....Philadelphia, Pa
A. J. Kline..... { Meadows, N. J., P. O. Jersey City
A. W. Kline.....Renovo, Pa
H. J. Markey.....Baltimore, Md
C. W. Musser.....Chambersburg, Pa
E. W. Parker.....Trenton, N. J
S. W. Rich.....Lucknow, Pa
J. A. Starkey.....Camden, N. J
L. M. Wilde..... { Southport, N. Y P. O. Elmira

FOREMEN BOILER SHOPS.

L. T. Ardis.....Wilmington, Del
W. L. Hancock.....Cape Charles, Va
F. J. Healy.....Renovo, Pa
J. W. Leete.....Hoboken, N. J
C. J. Longacre..... { Meadows, N. J., P. O. Jersey City
J. B. Murray.....Trenton, N. J
G. Robinson.....Harrisburg, Pa
R. N. Russell.....Baltimore, Md
H. F. Weldin.....Philadelphia, Pa

ENGINEERING, BRIDGES & ROADWAY

W. G. Coughlin, Ch. Eng. M. W. { Philadelphia, Pa
G. H. Brown, Asst. Ch. Eng. { " "
M. W. ..... "

ENGINEERS MAINTENANCE OF WAY.

F. Duane.....Wilmington, Del
J. H. Harris.....New York, N. Y
E. Irving.....Williamsport, Pa
W. F. Miller.....Harrisburg, Pa

DIVISION ENGINEERS.

R. J. Bond.....Camden, N. J
J. H. Cooper... West Philadelphia, Pa
L. E. Dale.....Philadelphia, Pa
E. L. Hoopes.....Harrisburg, Pa
J. G. Hopkins.....Baltimore, Md
J. M. Kinkead.....Trenton, N. J
M. Lipman.....Wilmington, Del
H. S. Meily.....Tyrone, Pa
R. R. Metheany.....Altoona, Pa
E. C. Oyler.....Chambersburg, Pa
R. S. Stewart.....Jersey City, N. J
W. S. Thompson.....Sunbury, Pa
N. D. Vernon.....Williamsport, Pa

MASTER CARPENTERS.

W. J. Bennett.....Cape Charles, Va
G. Blair.....Cresson, Pa
J. J. Caldwell.....Clayton, Del
J. N. Davis.....Tyrone, Pa
W. Dey.....Harrisburg, Pa
C. J. Flayhart.....Elmira, N. Y
W. R. Gantz.....W. Philadelphia, Pa
P. F. Gonsar.....Chambersburg, Pa
C. Hench.....Reading, Pa
W. G. Kennedy.....Wilmington, Del
J. Lose.....Bordentown, N. J
T. Lowdermilk.....Williamsport, Pa
E. F. McClintock.....Camden, N. J
R. McKibben.....Altoona, Pa
A. C. R. Seemans.....Baltimore, Md
B. F. Stidfole, Jr.....Jersey City, N. J
D. E. Wiltse.....Sunbury, Pa

SUPERVISORS.

H. W. Anderson...W. Philadelphia, Pa
E. H. Armsby.....Chambersburg, Pa
J. Bartlestone.....Harrington, Del
W. V. Betts.....Shamokin, Pa
W. T. Bevan.....Perryville, Md
J. P. Charlton.....Lewistown, Pa
W. D. Cornwell.....Canandaigua, N. Y
H. J. Davall.....Washington, D. C
A. W. Duke.....Downingtown, Pa
G. H. B. English.....Lancaster, Pa
J. M. Fair.....Chambersburg, Pa
F. T. Fish.....Bordentown, N. J
L. R. Fleming.....Northumberland, Pa
R. G. Ford.....Newark, Del
J. M. Fox.....Barnesboro, Pa
M. E. Gill.....Osceola Mills, Pa
R. P. Graham.....Lemoyne, Pa
C. S. Hager.....Newport, Pa
R. F. Hanson.....Millville, N. J
R. B. Harris.....Baltimore, Md
S. A. Hart.....Mt. Holly, N. J
P. W. Haverstick.....Atlantic City, N. J
J. O. Heap.....Philadelphia, Pa
E. R. Heyl.....Camden, N. J
N. V. Hunter.....Irvona, Pa
C. S. Hyland.....Harrisburg, Pa
H. A. John.....Woodbury, N. J
R. H. Joyce.....Wilkes-Barre, Pa
E. L. Koch..Lamokin, Pa (P.O. Chester)
N. M. Lawrence.....Lock Haven, Pa
F. H. Lewis.....Sunbury, Pa
F. M. Lewis.....Reading, Pa
H. K. Lockhart..... { Southport, N. Y P. O. Elmira
C. O. Long.....Trenton, N. J
J. D. Lovell.....Huntingdon, Pa
J. McCoy.....Jersey City, N. J
J. E. McIntyre.....Mifflin, Pa
C. W. Montgomery.....Altoona, Pa
C. W. Newell.....Media, Pa
R. H. Orwig.....Parkton, Md
J. B. Otto, Jr.....Phillipsburg, N. J
E. R. Parke.....York, Pa
C. A. Pfalzgraff.....Hollidaysburg, Pa
L. S. C. Pie.....New Brunswick, N. J
H. L. Pierce.....Cresson, Pa
J. C. Poffenberger.....Columbia, Pa
A. E. Preble.....Middletown, Pa
H. R. Rockenbach.....Jamesburg, N. J
F. W. L. Schneider.....Tyrone, Pa
E. L. Smith.....Millersburg, Pa
R. J. Smith.....Clayton, Del
W. S. Springer.....Williamsport, Pa
J. R. Stam.....Osceola Mills, Pa
G. H. Stewart.....No. Philadelphia, Pa
H. D. Stowe.....Tyrone, Pa
J. W. Swenson.....Georgetown, Del
J. C. White.....Norristown, Pa
U. F. White.....Salisbury, Md
R. Woodcock.....New York, N. Y
E. C. Young.....Cape Charles, Va
C. E. Zortman.....Lewisburg, Pa
J. E. Zullinger...West Philadelphia, Pa

TELEGRAPH AND SIGNAL DEPARTMENT.

J. D. Jones, Supt. Tel. & Signal { Philadelphia, Pa
W. N. Spangler. Asst. Supt. { " "
Tel. & Signal..... "
P. A. Rainey. Elec. Eng..... "

SOUTHERN WHEEL CO.

PITTSBURGH, PA.

FORMERLY

NATIONAL CAR WHEEL CO.

AND

SOUTHERN WHEEL CO.

CHILLED IRON WHEELS

ALSO

THE HOLLOW AXLE
MINE CAR TRUCK
(PATENTED)

MINE CARS AND PARTS
OF ALL TYPES

PLANTS AT

PITTSBURGH, PA.
ROCHESTER, N. Y.
CLEVELAND, O.
SAYRE, PA.
ST. LOUIS, MO.
BIRMINGHAM, ALA.
ATLANTA, GA.
SAVANNAH, GA.
PORTSMOUTH, VA.

PENNSYLVANIA R. R.—Continued.

751a—Eastern Region—Continued.

INSPECTORS OF SIGNALS.

J. H. Broadbent.....Philadelphia, Pa
B. F. Dickinson..... "
T. A. Jones..... "
B. F. Oler..... "
E. L. Watson..... "

SUPERVISORS OF TELEGRAPH AND SIGNALS.

H. H. Appleton. West Philadelphia, Pa
D. B. Bartholomew.....Sunbury, Pa
W. I. Bell.....Camden, N. J
A. E. Brown.....Tyrone, Pa
C. B. Freeman.... { Pocomoke, Md. / P.O. Pocomoke City
J. L. Harmstead.....Harrington, Del
E. M. Hatton.....Reading, Pa
C. Homewood.....Philadelphia, Pa
R. H. Jewens.....Camden, N. J
S. J. Knowlton.....Williamsport, Pa
H. A. Logue.....Chambersburg, Pa
F. G. Mayer.....Harrisburg, Pa
T. A. Pietz.....Wilmington, Del
R. F. Raughley.....Philadelphia, Pa
D. E. Spangler.....Baltimore, Md
H. N. Stump.....Jersey City, N. J
A. H. Tasker.....Altoona, Pa
G. Toft.....Trenton, N. J

ASSISTANT SUPERVISORS OF TELEGRAPH AND SIGNALS.

W. M. Alexander.....Philadelphia, Pa
W. E. Benfer....West Philadelphia, Pa
P. F. Bickle.....Jersey City, N. J
A. E. F. Billstein.....Altoona, Pa
R. L. Darlington.....Philadelphia, Pa
S. D. Frank.....Wilmington, Del
S. J. King.....West Philadelphia, Pa
J. I. Kirsch.....Baltimore, Md
G. H. Lefold.....Altoona, Pa
C. W. Mader.....Harrisburg, Pa
H. V. Spangler.....Trenton, N. J
M. L. Stephens.....Harrisburg, Pa
J. F. Sutton.....Wilmington, Del
W. A. Swonger.....Baltimore, Md
C. M. Wallace.....Jersey City, N. J

751b—Central Region.

Comprising generally the territory between Rochester, N. Y., Renovo, Altoona, Lorain, Mansfield, Columbus and Zanesville.

3,270 Mls. (Mileage also included in Penna. R. R., No. 751.)

Pittsburgh address, Penna. Station,

OPERATING.

E. T. Whiter, V.-Pres. & Gen. Mgr ..... { Pittsburgh, Pa
R. T. Morrow, Asst. to V-Pres. "
H. L. H. Blair, Asst. to Gen. Mgr. "
J. C. McCullough, Asst. to Gen. Mgr..... "
J. B. Fisher, Gen. Supt. Trans. "
A. J. Dawson, Asst. to Gen. Supt. Trans..... "
J. R. Downes, Supt. of Frt. Trans. "
G. M. Sixsmith, Supt. Pass. Trans..... "
F. J. Kron, Insp. Trans.....

GENERAL SUPERINTENDENTS.

R. C. Morse, Jr.....Buffalo, N. Y
H. E. Newcomet.....Cleveland, O
J. F. Patterson.....Pittsburgh, Pa
E. W. Smith..... "

DIVISION SUPERINTENDENTS.

J. A. Appleton.....New Castle, Pa
G. W. Curtiss (Asst.).....Cresson, Pa
R. Faries.....Buffalo, N. Y
T. B. Farrington.....Uniontown, Pa
D. Y. Geddes.....Pittsburgh, Pa
E. B. John.....Erie, Pa
J. B. Phelan.....Pittsburgh, Pa
J. H. Redding..... "
J. J. Rhoads.....Oil City, Pa
O. C. Schaad.....Wheeling, W. Va
G. Scott.....Akron, O
D. W. Triem (Asst.).....Cambridge, O
A. C. Watson.....Cleveland, O
C. E. Whitlock.....Pittsburgh, Pa

R. K. Stackhouse, Supt. Stations & Transfers..... { Pittsburgh, Pa.
C. C. Hosford, Gen. Scale Insp. "
H. K. Brady, Supt. Labor & Wage Bureau..... "
J. C. Perrott, Asst. Supt. Labor & Wage Bureau..... "
W. Briggs, Supt. of Police.... "

TRAFFIC.

See P. R. R., No. 751.

PURCHASING.

See P. R. R., No. 751.

MECHANICAL

F. W. Hankins, Gen. Supt. Motive Power..... { Pittsburgh, Pa.

SUPERINTENDENTS MOTIVE POWER.

W. Y. Cherry.....Cleveland, O
J. L. Cunningham.....Pittsburgh, Pa
C. L. McIlvaine.....Buffalo, N. Y
O. P. Reese.....Pittsburgh, Pa

ASSISTANT ENGINEERS MOTIVE POWER.

G. H. Burton.....Pittsburgh, Pa
H. G. Huber..... "

MASTER MECHANICS.

E. L. Bachman..... { Mingo Jct., O., / P. O. Steubenville
J. E. Brower.....Pittsburgh, Pa
A. W. Byron.....Wellsville, O
H. B. Chaffin.....Dennison, O
G. C. Gardner, Jr.....Uniontown, Pa
C. B. Gray.....Pittsburgh, Pa
F. T. Huston.....Erie, Pa
H. S. Noble..... { Mahoningtown, Pa / P. O. New Castle
G. A. Rhoads.....Oil City, Pa
J. A. Sheedy.....Canton, O
B. M. Swope.....Olean, N. Y

ASSISTANT MASTER MECHANICS.

W. R. Elsey.....Pittsburgh, Pa
R. V. Headington..... "
C. L. Henry.....Canton, O
W. Parker, Jr.....Pittsburgh, Pa
C. S. Roush.....Olean, N. Y
F. E. Sellman.....Akron, O

ROAD FOREMEN OF ENGINES.

T. L. Bailey.....New Castle, Pa
T. M. Blakley.....Pittsburgh, Pa
H. R. Brigham.....Buffalo, N. Y
A. B. Eckels.....Cleveland, O
R. M. Glass.....Oil City, Pa

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York - Chicago

Super-Zinced Railroad Fences

Good wire fences are an important factor in Right-of-Way economy. They avoid property disputes, bar trespassers, and reduce stock losses to a minimum.

Columbia and Pittsburgh Perfect

Hinge-Joint **Stiff-Stay**

fences represent the two approved types of fence manufacture, and are made in the standard railroad styles and weights. They are protected against rust by a heavy Super-Zinced coat of galvanizing closely bonded to the basic open hearth steel wire. Stay wires are same size as line wires.

Our complete line includes also farm, poultry and lawn fences, barbed wire, gates, steel posts, annealed and galvanized wire, staples and all kinds of wire nails. Write for catalogues and prices.

Pittsburgh Steel Company,
Pittsburgh, Pa.

New York Chicago Memphis
Dallas San Francisco

PENNSYLVANIA R. R.—Continued.

751b—Central Region Continued.

ROAD FOREMEN OF ENGINES—CONTINUED.

J. H. Hanna.....Pittsburgh, Pa
M. J. Henegan..... .....Columbus, O
W. H. Holbrook.....Pittsburgh, Pa
W. L. Hudson..... "
W. McCauley.....Uniontown, Pa
W. H. Smith.....Wheeling, W. Va
H. M. Wooden.....Erie, Pa
J. R. Sloan, Ch. Elect....Pittsburgh, Pa
G. A. Marlow, Ch. Car Insp..... "

GENERAL CAR INSPECTORS.

C. E. Boyer.....Pittsburgh, Pa
J. E. Keegan.....Cleveland, O
W. B. Moir.....Pittsburgh, Pa
W. H. Sitterly.....Buffalo, N. Y
J. W. Walker, Ch. Air Brake Insp.....Pittsburgh, Pa

GENERAL FOREMEN.

F. W. Anderson.....Pitcairn, Pa
W. P. Bickley.....Canton, O
E. L. Bonhoff.....Pittsburgh, Pa
H. S. Coburn.....Olean, N. Y
J. Farrell.....Waynesburg, Pa
H. W. Lehr.....Pittsburgh, Pa
E. Machin.....Conway, Pa
P. A. Meyer..... "
H. J. Speck.....Dennison, O

FOREMEN LOCOMOTIVE REPAIRS.

P. Browning.....Canton, O
C. W. Hall.....Pittsburgh, Pa
F. G. Hirst.....Wellsville, O
A. H. Lamberger.....Dennison, O
W. B. Madara.....Canton, O

FOREMEN CAR SHOPS.

E. E. Alton.....Wellsville, O
S. G. Booher..... { Mahoningtown, Pa / P. O. New Castle
J. Brock..... { Scully, Pa / P. O. Carnegie
G. R. Calaway.....Ashtabula, O
S. Caldwell.....Wheeling, W. Va
A. L. Eathorne..... { Mingo Jct., O / P. O. Steubenville
G. B. Forsythe.....Conway, Pa
S. E. Hayes.....Cambridge, O
S. W. Kistler..... .....Cleveland, O
A. Kuhn.....Alliance, O
H. P. Martin.....Youngstown, O
C. C. Turner..... ....Canton, O

FOREMEN CAR REPAIRS.

H. F. Altman.....Youngwood, Pa
G. L. Bennett.....Erie, Pa
J. T. Bixler.....Blairsville, Pa
C. Fair.....Sharpsburg, Pa
L. E. Hadley.....Wierton, W. Va
W. S. Harkness.....Pitcairn, Pa
W. Jaeger (Asst.)....Dock Jct., Erie, Pa
N. P. Klein..... { So. Pittsburgh, Pa / P. O. Pittsburgh
C. C. Leach.....South Fork, Pa
P. H. Lichtenfels.....Pitcairn, Pa
J. H. Long.....Kane, Pa
R. M. Mann.....Olean, N. Y
W. H. Martin.....Pitcairn, Pa
J. F. McBroom.....Derry, Pa
B. N. McCully.....East Pittsburgh, Pa

FOREMEN CAR REPAIRS—CONT'D.

W. McVicker.....Pitcairn, Pa
D. P. North.....Conemaugh, Pa
J. J. Tolin.....Buffalo, N. Y
J. D Wallen..... { Venango, Pa / P. O. Franklin
C. W. Walther..W. Brownsville Jct., Pa
G. C. Walther.....Verona, Pa
T. A. Wilson.....Elrama, Pa

ENGINEERING, BRIDGES & ROADWAY

J. B. Baker, Jr., Ch. Eng. M. W.....Pittsburgh, Pa
W. D. Wiggins, Asst. Ch. Eng. Maint. of Way.. "
W. E. Brown, Asst. Ch. Eng. M. W..... "

ENGINEERS MAINTENANCE OF WAY.

S. L. Church.....Cleveland, O
W. T. Covert.....Pittsburgh, Pa
W. E. Guignon..... "
A. W. McClellan.....Buffalo, N. Y

ASSTS. TO ENGINEERS MAINT. OF WAY.

J. S. Albright.....Cleveland, O
W. F. Greene.....Pittsburgh, Pa
J. R. McGraw.....Buffalo, N. Y
C. E. Stryker.....Pittsburgh, Pa
W. H. Saltsman, Insp. M. W. Cleveland, O

DIVISION ENGINEERS.

E. J. Ayars.....Pittsburgh, Pa
C. W. Beck (Asst. to).... "
F. V. Berkey (Asst.) .....Cleveland, O
W. H. Evans (Asst. to)..Uniontown, Pa
E. D. Flad.....Pittsburgh, Pa
W. T. Hanly.....Erie, Pa
J. G. Hartley.....New Castle, Pa
S. E. Holland.....Wheeling, W. Va
W. S. Johns, Jr.....Uniontown, Pa
J. W. Keenan (Asst.)....Pittsburgh, Pa
F. W. Macy (Asst. to)... "
T. E. Nestor..... "
C. W. Richey..... "
H. J. Shaw.....Akron, O
R. Swenk.....Pittsburgh, Pa
J. L. Taylor, Jr.....Cleveland, O
W. S. Wilson.....Oil City, Pa
E. B. Wiseman (Asst. to)..... ..Erie, Pa
E. O. Wood.....Buffalo, N. Y

ASSISTANT ENGINEERS.

Z. M. Briggs.....Pittsburgh, Pa
W. H. Jenkins..... "
J. D. Moffatt, Jr..... "
W. M. Murdoch..... "
C. E. Rowe..... "
A. A. Wirth..... "

MASTER CARPENTERS.

C. A. Barlett.....Oil City, Pa
S. C. Bowers.....Steubenville, O
H. L. Clark.....Millersburg, O
W. C. Corman.....Pittsburgh, Pa
J. K. Davidson.....Jamestown, Pa
T. H. Gray.....Pittsburgh, Pa
M. F. Hunter.....Alliance, O
J. H. Johnson.....Cleveland, O
W. H. McHugh.....Olean, N. Y
W. F. Rankin.....Uniontown, Pa
E. A. Roberts.....Erie, Pa
T. W. Simmons.....Wheeling, W. Va

SUPERVISORS.

C. E. Adams.....Rochester, Pa
J. D. Archibald.....East Liberty, Pa

A.R.A. STANDARD "D" COUPLER

PENN COUPLER

PITT COUPLER

for Cars and Locomotives

PITT PIVOTED AND "D" COUPLERS

designed especially for
Passenger Equipment Cars

STEEL CASTINGS

for Railroad Use

THE McCONWAY & TORLEY COMPANY
Pittsburgh, Pa.

PENNSYLVANIA R. R.—Continued.

751b—Central Region—Continued.

SUPERVISORS—CONTINUED.

W. E. Baker.....Cleveland, O
F. H. Bentley.....Wooster, O
M. J. Bray.....Orrville, O
C. B. Bush.....So. Fork, Pa
D. E. Callahan.....Pittsburgh, Pa
R. L. Chaney.....Dennison, O
C. H. Comstock... { Mahoningtown, Pa / P. O. Newcastle
J. B. Conley.....Woodsfield, O
J. Conlon.....Alliance, O
F. M. Connolly.....Loudonville, O
J. L. Conover.....Olean, N. Y
J. S. Considine.....Buffalo, N. Y
R. H. Crew.....East Aurora, N. Y
W. P. Critchfield.....Blairsville, Pa
J. Davis.....Mt. Morris, N. Y
J. C. Dayton.....New Comerstown, O
E. W. Durben.....Cambridge, O
F. Feeney.....Carnegie, Pa
J. Foley.....Wheeling, W. Va
M. Foley.....Wellsville, O
B. M. Frymire.....Freeport, Pa
P. X. Geary.....DuBois, Pa
H. R. Gelb.....Carnegie, Pa
E. Glavin.....Niles, O
J. L. Gressitt.....Johnstown, Pa
C. G. Grove..... { Struthers, Pa / P. O. Warren
S. C. Hofmeister.....Jamestown, Pa
T. L. Hofmeister.....Ashtabula, O
W. W. Hubley.....Warren, Pa
C. W. Jenkins.....Akron, O
M. J. Jones.....Titusville, Pa
D. H. Kauffman.....Mt. Vernon, O
W. G. Kemmerer (Act.).Emporium, Pa
S. H. Kuhn.....Burgettstown, Pa
G. F. Mathey.....Monongahela City, Pa
E. W. McGarvey.....Uniontown, Pa
J. F. McKenna.....Canton, O
C. F. Miller.....Gallitzin, Pa
J. L. Ovington.....Steubenville, O
W. R. Parvin.....Youngwood, Pa
W. W. Patchell..W. Brownsville Jct., Pa
W. W. Portser.....Trafford, Pa
F. R. Rex.....Alliance, O
J. T. Ridgely.....South Oil City, Pa
F. H. Rothe.....Pittsburgh, Pa
G. H. Schlotterer.....Ravenna, O
C. M. Shallenberger.....Kittanning, Pa
F. L. Shea.....Derry, Pa
S. E. Stewart.....Verona, Pa
W. D. Supplee.....Dunkirk, N. Y
A. E. Swain.....Steubenville, O
J. F. Swenson.....Erie, Pa
C. W. Walker.....Conway, Pa
J. J. Westlake.... { Mahoningtown, Pa / P. O. New Castle
T. M. Woodward.....Kane, Pa

TELEGRAPH AND SIGNAL DEPARTMENT.

E. B. Pry, Supt. Tel. & Sig. { Pittsburgh,
L. Behner, Asst. Supt. Tel. & { Pa.
Signals..... "
J. S. Gensheimer, Ch. Sig.
Insp.....Pittsburgh, Pa

INSPECTORS OF SIGNALS.

F. A. Beck.....Pittsburgh, Pa
T. R. Day..... "
J. E. Steward..... "

SUPERVISORS OF TELEGRAPH AND SIGNALS.

E. G. Baumann.....Oil City, Pa
F. J. Baumann.....Kane, Pa
W. Frech.....Cleveland, O
W. N. Hartman.....Uniontown, Pa
G. W. Hill.....Pittsburgh, Pa
O. A. Ishler.....New Castle, Pa
C. J. Norris.....Akron, O
J. W. Snyder.....Pittsburgh, Pa
H. L. Stanton..... "
C. M. Wheeler..... "
G. H. White.....Olean, N. Y

ASST. SUPVRS. OF TELEGRAPH AND SIGNALS.

A. M. Crawford... { E. Greensburg, Pa. / P. O. Greensburg
C. B. Darrah.....Pittsburgh, Pa
J. E. Griffith.....Johnstown, Pa
J. E. K. Krylow.....Pittsburgh, Pa
J. R. Theiss..... "
J. E. Wilson..... "

751c—Western Region.

Comprising generally the territory West of Sandusky, Mansfield, Columbus and Zanesville.

3,301 Mls (Mileage also included in Penna. R. R., No. 751.)

Chicago address, Union Sta.
St. Louis address, Syndicate Trust Bldg.

OPERATING.

T. B. Hamilton, V.-Pres. & Gen. Mgr.....Chicago, Ill
B. B. Young, Asst. to V.-Pres. "
I. W. Geer, Asst. Gen. Mgr.. "
J. B. Hutchinson, Jr., Asst. to Gen. Mgr..... "
F. D. Davis, Gen. Supt Trans. "

ASST. TO GEN. SUPERINTENDENT TRANS.

J. D. Fitzgerald.....Chicago, Ill
E. W. Perrott..... "

SUPERINTENDENTS.

W. C. Downing.....Indianapolis, Ind
P. L. Grove.....Grand Rapids, Mich

DIVISION SUPERINTENDENTS.

R. C. Barnard.....Cincinnati, O
G. R. Barry.....Richmond, Ind
T. Hamilton.....Terre Haute, Ind
B. H. Hudson.....Logansport, Ind
R. D. McKeon.....Chicago Ill
R. C. Miller.....Toledo, O
R. H. Pinkham.....Ft. Wayne, Ind
P. W. Sullivan.....Columbus, O

ASSISTANT SUPERINTENDENTS.

C. L. Hamilton.....Mansfield, O
P. Jones.....Cincinnati, O

C. O. Burger, Supvr. Stations & Transfers.....Chicago, Ill
M. J. J. Harrison, Gen. Scale Insp..... "
W. W. Burrell, Supt. Labor & Wage Bur..... "
W. C. Pitman, Asst. Supt. Labor & Wage Bur..... "

TRAFFIC.

See P. R. R., No. 751.

PURCHASING.

See P. R. R., No. 751.

To the careful buying engineer and contractor, **Quality** means economy. Our tools and shovels have been the standard since 1843. Every tool we make is absolutely guaranteed to be free from defects in workmanship and material. Our trade mark stamps every tool as par excellence. They reduce the cost of track maintenance by eliminating numerous replacements. *Send for catalogue.*

J. Hubbard & Co.

PITTSBURGH, PA.

PENNSYLVANIA R. R.—Continued.

751c—Western Region—Continued.

MECHANICAL.

T. W. Demarest, Gen. Supt. M. P. ....Chicago, Ill
G. B. Fravel, Asst. Gen. Supt. M. P. ....Columbus, O
H. J. Yergy, Ch. Car Insp. ...Chicago, Ill
H. A. Burson, Ch. Air Brk. Ins. "

MASTER MECHANICS.

P. M. Cheesman.....Terre Haute, Ind
W. R. Davis.....Indianapolis, Ind
R. H. Flinn.....Columbus, O
A. LaMar.....Chicago, Ill
W. P. Raedel.....Cincinnati, O
M. R. Reed.....Logansport, Ind
J. R. Riggs.....Toledo, O
G. E. Sisco.....Grand Rapids, Mich
O. C. Wright.....Ft. Wayne, Ind

ROAD FOREMEN OF ENGINES.

E. A. Burchiel.....Ft. Wayne, Ind
E. C. Gordon.....Toledo, O
D. H. Jenness.....Logansport, Ind
O. E. Maxwell.....Grand Rapids, Mich
J. W. Moyer.....Indianapolis, Ind
H. J. Riddle.....Terre Haute, Ind
H. Samuels.....Chicago, Ill
W. L. Scott.....Richmond, Ind
R. J. Sponseller.....Cincinnati, O
C. S. White.....Columbus, O

GENERAL FOREMEN LOCOMOTIVE REPAIRS.

T. L. Carr.....Columbus, O
E. E. Dildine.....Ft. Wayne, Ind
T. W. Lowe.....Columbus, O

GENERAL FOREMEN CAR REPAIRS.

C. A. Brackett.....Terre Haute, Ind
J. J. Hannon.....Logansport, Ind
A. F. Moore.....Columbus, O

FOREMEN CAR REPAIRS.

R. H. Berghofer.....Sandusky, O
C. W. Bibler.....Columbus, O
J. F. Blancett.....Crestline, O
A. Brenner.....Logansport, Ind
G. S. Bucher.....Grand Rapids, Mich
T. F. Burns.....Jeffersonville, Ind
H. U. Diem.....Ft. Wayne, Ind
J. F. Farran.....Cincinnati, O
E. L. Frank.....Indianapolis, Ind
A. J. Hoffert.....Bradford, O
F. Horn.....Columbus, O
G. A. Johnson.....{ Colehour, Ill / P.O. Chicago
G. N. Kennedy.....Terre Haute, Ind
A. W. Kittle.....Richmond, Ind
W. Kittle.....Indianapolis, Ind
F. C. Kroff.....Chicago, Ill
W. H. Lammers.....Ecorse, Mich
F. A. McCarter.....Logansport, Ind
M. Monroe.....{ Rose Lake, Ill. / P. O. E. St. Louis
J. Schaff.....Mansfield, O
M. B. Vansickle.....Chicago, Ill
O. A. Wilson.....Toledo, O

FOREMEN CAR PAINTERS.

C. L. Brentlinger.....Toledo, O
F. B. Davenport.....Columbus, O
E. Etnire.....Logansport, Ind
T. F. Korth.....Chicago, Ill

ENGINEERING, BRIDGES & ROADWAY

W. L. Ekin, Ch. Eng. M. W...Chicago, Ill
T. J. Skillman, Asst. Ch. Eng. "

ASSISTANT CHIEF ENGINEERS MAINTENANCE OF WAY.

T. W. Pinard.....Chicago, Ill
F. J. Stimson..... "

DIVISION ENGINEERS.

C. L. Barnaby.....Chicago, Ill
D. P. Beach.....Indianapolis, Ind
R. W. E. Bowler.....Toledo, O
T. L. Doyle.....Grand Rapids, Mich
F. M. Graham.....Columbus, O
F. M. Hawthorne.....Terre Haute, Ind
S. W. Hodgin.....Richmond, Ind
H. C. Johnson.....Cincinnati, O
D. B. Johnston.....Logansport, Ind.
J. K. Sherman.....Ft. Wayne, Ind

ASSISTANT DIVISION ENGINEERS.

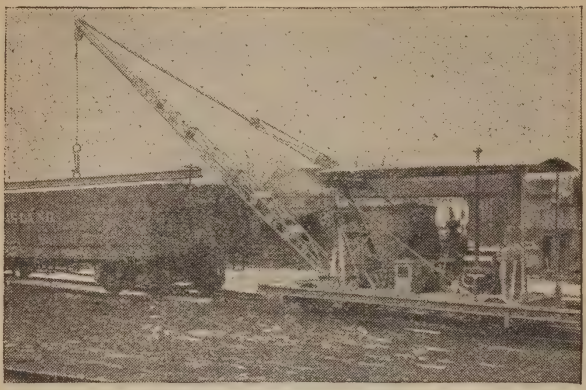
C. D. Bunting.....Grand Rapids, Mich
C. H. Campbell.....Logansport, Ind
F. A. Cellar.....Richmond, Ind
F. N. Crowell.....Indianapolis, Ind
H. T. Frushour.....Cincinnati, O
E. H. Kersting.....Chicago, Ill
E. H. May.....Ft. Wayne, Ind
P. D. Miller.....Toledo, O
J. H. Schilling.....Terre Haute, Ind
L. B. Young.....Columbus, O

MASTER CARPENTERS.

B. F. Gehr.....Richmond, Ind
S. W. Guyton.....Xenia, O
C. E. Hemmlinger.....Effingham, Ill
C. D. Howell.....Indianapolis, Ind
H. M. Large.....Grand Rapids, Mich
A. F. Miller.....Chicago, Ill
F. H. Mitchell.....Ft. Wayne, Ind
W. R. Radbone.....Toledo, O
D. L. Rehmert.....Bradford, O
R. C. Unkefer.....Logansport, Ind

SUPERVISORS.

R. L. Adams.....Richmond, Ind
W. L. Ballinger.....Bradford, O
H. W. Bennett.....Spencer, Ind
T. Binkley, Jr.....Xenia, O
J. W. Birtwhistle...Columbia City, Ind
J. E. Boland.....Decatur, Ill
B. J. Boyle.....Terre Haute, Ind
M. E. Boyle.....Greenville, Ill
S. H. Brenaman.....Detroit, Mich
J. H. Britton.....Logansport, Ind
W. H. Byrkitt.....Brazil, Ind
W. Coffel.....Crawfordsville, Ind
D. Delaney.....Chicago, Ill
G. Evert.....Logansport, Ind
P. Fannon.....Loveland, O
A. C. Haines.....Cincinnati, O
W. H. Haines.....Petoskey, Mich
H. Hoge.....Columbus, Ind
D. Horgan.....Cadillac, Mich
J. Johnson.....Logansport, Ind
E. B. Kirchner.....Van Wert, O
A. C. Knight.....Ft. Wayne, Ind
J. M. Lee.....Upper Sandusky, O
D. Lewis.....Richmond, Ind
C. W. Light.....Warsaw, Ind
D. Lynch.....Grand Rapids, Mich
W. P. Maloney.....Columbus, O
C. McCarthy.....Union City, Ind
T. J. McCarthy.... ..Indianapolis, Ind



INCREASED

Range, Speed, Power for Handling Rails

Boom extension to 35 feet
180 degree working radius
40 h. p. truck-type motor

These are three of the Parsons Rail Crane's ten important advantages over any other method of handling rail.

Get complete specifications and prices. Write at once for Bulletin 26-C.

THE PARSONS COMPANY, Newton, Iowa

PARSONS RAIL CRANE

DOES THE WORK OF 12 TO 22 MEN

PENNSYLVANIA R. R.—Continued.

751c—Western Region—Continued.

SUPERVISORS—CONTINUED.

R. McClaren.....Tiffin, O
L. N. McClellan.....Louisville, Ky
W. F. McCoy.....Bicknell, Ind
T. B. Metcalf.....Mansfield, O
J. J. Navin.....Chicago, Ill
J. Nowviskie.....Crown Point, Ind
S. E. Oglesby.....Frankfort, Ind
I. Puterbaugh.....Xenia, O
P. Reeves.....Cincinnati, O
W. F. Renz.....Sandusky, O
H. Rice.....Urbana, O
C. E. Riley.....Circleville, O
A. F. Roper.....Zanesville, O
M. Ruddick.....Columbus, Ind
J. N. Sagester.....Logansport, Ind
J. Slattery.....South Chicago, Ill
F. L. Solander.....Marion, O
T. Stewart.....Kalamazoo, Mich
H. B. Sutherlin.....Valparaiso, Ind
W. C. Wolfe.....Hamilton, O
D. R. Wright.....Portland, Ind
R. G. Yates.....Anderson, Ind

TELEGRAPH AND SIGNAL DEPARTMENT.

C. W. Hixson, Supt. Tel. & Signals.....Chicago, Ill
O. L. McCreary, Asst. Supt. Tel. & Signals..... "
J. Miller, Tele. & Telo. Eng..... "
W. E. Staley, Chief Tele. & Telo. Insp..... "
E. A. Thomas, Chief Signal Insp. "

SUPERVISORS OF TELEGRAPH AND SIGNALS.

C. L. Bartholome.....Terre Haute, Ind
O. K. Boles.....Richmond, Ind
W. P. Hallstein.....Ft. Wayne, Ind
C. R. Herron.....Logansport, Ind
A. W. Hunter.....Toledo, O
C. J. Lantz.....Chicago, Ill
C. E. O'Brien.....Xenia, O
O. E. Rice.....Indianapolis, Ind
C. W. Suesse.....Grand Rapids, Mich
C. P. Woodson.....Columbus, O

752—PENN YAN & LAKE SHORE RY. (Electric).

9 Mls, 2 Loco, Cars: 6 Pass, 1 Misc

Receiver appointed December 19, 1918.

¶✠W. J. Tylee, Recr.....Penn Yan, N. Y
G. E. Tylee, Pres.....Holliston, Mass
C. Hurlburt, V.-Pres..Branchport, N. Y
C. Ayers, M. M.....Penn Yan, N. Y

753—754—

755—PEOPLES RY.

5 Mls. Equipment owned—none

For officials see Reading Co., No. 808.

755a—PEORIA & EASTERN RY. CO., THE

211 Mls, 43 Loco, Cars: 818 Frt, 26 Pass, 85 Misc (Mileage and equipment also included in N. Y. C. Lines, No. 692x.)

W. A. C. Ewen, V.-Pres. & Pres.....} 466 Lexington Ave., New York, N. Y.
L. S. Rose, Gen. Mgr.....Indianapolis, Ind
H. H. Ramsey, Aud.....Indianapolis, Ind
J. K. Vance, Frt., Loss & Damage Agt..... "
G. E. Gardner, Str. Kpr.....Urbana, Ill
A. M. Armer, M. M.....Indianapolis, Ind
F. W. Carson, Rd. For. Eng..Urbana, Ill
E. J. Bayer, Eng. M. W..Indianapolis, Ind
W. C. Schakel, Asst. Eng. M. W..... "
W. B. Whitaker, Supvr. B. & B. Urbana, Ill
S. Clinesmith, Supvr. Trks.....Indianapolis, Ind
A. Thornburg, Supvr. Trks..Urbana, Ill
N. Christien, Supvr. Sig..... "

For other officials see C. C. C. & St. L. R. R., No. 229.

756—PEORIA & PEKIN UNION RY. CO.

30 Mls, 38 Loco, Cars: 121 Frt, 11 Pass, 26 Misc

✪V. V. Boatner, Pres.....Peoria, Ill
¶J. T. O'Dea, Asst. to Pres. & Pur. Agt..... "
S. M. Russell, V.-Pres..... "
C. Leber, Sec. & Aud..... "
E. T. Gibbons, Treas..... "
E. F. Stock, G. F. & P. A..... "
J. M. Baths, Supt..... "
R. Folliott, Car Acct..... "
Dr. J. E. Meloy, Ch. Surg..... "
E. A. Park, Supt. M. P. & Equip.. "
E. I. Rogers, Ch. Eng..... "
O. Thayer, Rd. Mast..... "

756a—PEORIA, HANNA CITY & WESTERN R. R.

9 Mls, 3 Loco, Cars owned—none

Peoria address, 1024-27 Jefferson Bldg.

W. Sutliff, Pres. & Treas.....Peoria, Ill
C. Off, V.-Pres..... "
L. J. Backes, Sec. & Aud..... "
J. F. Bartley, Gen. Coun..... "
L. Jones, G. F. A..... "
M. E. Case, Gen. Mgr..... "
¶★§W. M. Mueller, Supt..... "
E. H. Arnholt, Car Acct..... "
W. P. Backes, Ch. Eng..... "
P. Gatz, Rd. Mast..... "

756b—PEORIA RY. TERMINAL CO.

35 Mls, 6 Loco. (includ. 1 Elec.), Cars: 45 Frt, 5 Misc

Receiver appointed Aug. 4, 1922.

✪H. I. Battles, Recr.....Peoria, Ill
F. T. Miller, Gen. Coun..... "

757—PERE MARQUETTE RY. CO.

2,263 Mls, 454 Loco, Cars: 17,050 Frt, 380 Pass, 571 Misc

Detroit address, Fort St. Union Depot.
New York address, 120 Broadway.

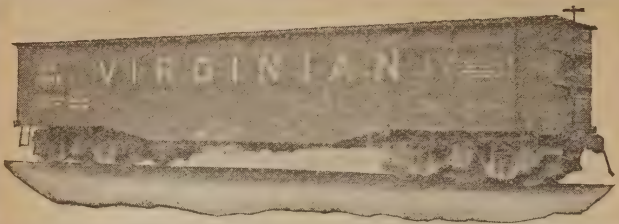
EXECUTIVE, FINANCIAL AND LEGAL.

E. N. Brown, Ch. of Bd...New York, N. Y
✪F. H. Alfred, Pres. & Gen. Mgr.....Detroit, Mich

ASST. TO PRESIDENT AND GEN. MANAGER.

E. E. Cain.....Detroit, Mich
A. L. Grandy..... "
J. L. Cramer, V.-Pres. & Treas.....Detroit, Mich
C. S. Sikes, V.-Pres. & Gen. Aud..... "
E. M. Heberd, Sec.....New York, N. Y
W. E. Martin, Asst. Treas. "

✪Officer whose name is filed with the Interstate Commerce Commission as authorized to issue transportation.



FREIGHT AND PASSENGER

CARS

Of Every Description.

COMPLETE FACILITIES FOR REPAIRING CARS.

REPAIR PARTS — BRAKE BEAMS
BOLSTERS — TRUCKS
CASTINGS — FORGINGS
GREY IRON WHEELS

Pressed Steel Car Co.

New York Pittsburgh Chicago St. Paul

757—PERE MARQUETTE—Continued.

S. L. Merriam, Gen. Coun. Detroit, Mich
W. K. Williams, Gen. Solr. "
J. C. Shields, Gen. Atty. "
W. R. Seaton, Gen. Atty. "
R. A. Kirkpatrick, Gen. Clm. Agt. "
W. S. Bake, Land & Tax Agt. "

ACCOUNTING.

C. S. Sikes, V.-Pres. & Gen. Aud. } Detroit,
J. O. Talbott, Asst. Gen. Aud. } Mich.
A. C. Rhodes, Asst. Aud. "
K. A. Karlson, Asst. Aud. "
H. F. Brahany, Aud. Disb. "
A. J. Anderson, Aud. Traf. Accts. "
H. F. Farrell, Aud. Overcharge Clms. "

TRAFFIC.

C. M. Booth, Frt. Traf. Mgr. } Detroit,
R. P. Paterson, G. F. A. } Mich
J. E. Clark, Asst. G. F. A. Buffalo, N. Y
F. W. Goldie, Asst. G. F. A. Chicago, Ill
E. T. Reynolds, Asst. G. F. A. } Detroit,
W. E. Wolfenden, G. P. A. } Mich.
J. Dunphy, Asst. G. P. A. "
L. E. Mueller, Mgr. Mail, Bag. & Exp. Traf. "
A. E. Plumer, Asst. Mgr. Mail, Bag. & Exp. Traf. "
E. M. Potticary, Ch. of Tar. Bur. "

OPERATING.

F. H. Alfred, Pres. & Gen. Mgr } Detroit,
E. E. Cain, Asst. to Pres. & } Mich.
Gen. Mgr "
A. E. Badger, Gen. Supt. "
A. J. Minard, Asst. Gen. Supt. "

SUPERINTENDENTS.

J. A. Anderson. Grand Rapids, Mich
R. S. Black (Asst.). St. Thomas, Ont
M. M. Cronk (Asst.). Grand Rapids, Mich
J. A. Grigware. Saginaw, Mich
D. J. Swope. Detroit, Mich
W. H. Wallace. Saginaw, Mich

F. P. Little, Supt. Term. Detroit, Mich
E. D. Hawley, Supt. Trans. "
H. O. Halsted, Supt. C. S. "
E. L. Mitten, Car Acct. "
W. L. Mercereau, Supt. Steamships. Ludington, Mich
W. J. Hargis, Supt. Frt. Clms. & Police. Detroit, Mich
F. L. Oliver, Supt. Din. & Par. Cars. Grand Rapids, Mich

PURCHASING.

¶ W. C. Atherton, Pur. Agt. Detroit, Mich
F. F. Osterman, Asst. Pur. Agt. "
W. R. Culver, Gen. Str. Kpr. Grand Rapids, Mich

DIVISION STORE KEEPERS.

J. G. Acheson. St. Thomas, Ont
W. J. Callow. Ionia, Mich
E. A. Carlson. Saginaw, Mich
J. L. Harbry. Grand Rapids, Mich

H. E. Peckover, Sta. Str. Kpr. Detroit Mich
G. W. Warner, Fuel Supvr. "

MECHANICAL.

R. J. Williams, Supt. M. P. } Detroit,
C. K. Woods, Asst. Supt. M. P. } Mich.
W. Jacob, Mech. Eng. "

MASTER MECHANICS.

W. G. Griffith } Wyoming, Mich
P. O. Grand Rapids
C. Montgomery. St. Thomas, Ont
R. A. Reid. Saginaw, Mich
C. F. Willoughby (Asst.). Grand Rapids, Mich

ROAD FOREMEN OF ENGINES.

H. S. Copperoll. Saginaw, Mich
H. F. Cowell. Grand Rapids, Mich
M. Bailey. Saginaw, Mich
W. E. Knox. "
W. McKenzie. St. Thomas, Ont
P. K. Pierce. Grand Rapids, Mich
W. Roberts. "

T. Larrabee, Mech. Insp. Grand Rapids, Mich
M. J. Mills, M. C. B. Detroit, Mich

SHOP SUPERINTENDENTS.

C. Boertman. Saginaw, Mich
J. Handford. St. Thomas, Ont
W. Hudson } Wyoming, Mich.
P. O. Grand Rapids
C. S. Utess. Ionia, Mich

W. F. Crowder, Gen. Car Insp. Detroit, Mich
E. D. Colon, Shop Effec. Eng. "
C. McDermott, Ch. Elec. } Grand Rapids,
Car Light } Mich.
J. F. Miller, Ch. Boiler Insp. "
W. C. Groening, Air Brk. Insp. & Instr. "

LOCOMOTIVE FOREMEN.

W. H. Blodgett. Ottawa Yd., Erie, Mich
G. Brewer. St. Thomas, Ont
J. S. Crawford. Ludington, Mich
W. A. Cutliff. Saginaw, Mich
F. Deaner. Benton Harbor, Mich
A. P. Huntley. Pt. Huron, Mich
W. Johnston. Detroit, Mich
F. J. Kantlehner. Muskegon, Mich
J. G. Monroe } Wyoming, Mich.
P. O. Grand Rapids
W. J. Spearman. Plymouth, Mich
J. F. Tannewitz } Boardman, Mich.
P. O. Traverse City

J. B. Will, Gen. Car For. Grand Rapids, Mich

CAR FOREMEN.

A. Bailey. Flint, Mich
H. J. Baker. Ottawa Yd., Erie, Mich
E. Chesher. Port Huron, Mich
A. S. Cline. St. Thomas, Ont
T. C. Hogarth. New Buffalo, Mich
F. E. Mann. Ludington, Mich
P. H. Norton. Saginaw, Mich
L. P. Rischman. Bay City, Mich
R. Slowinski. Ionia, Mich

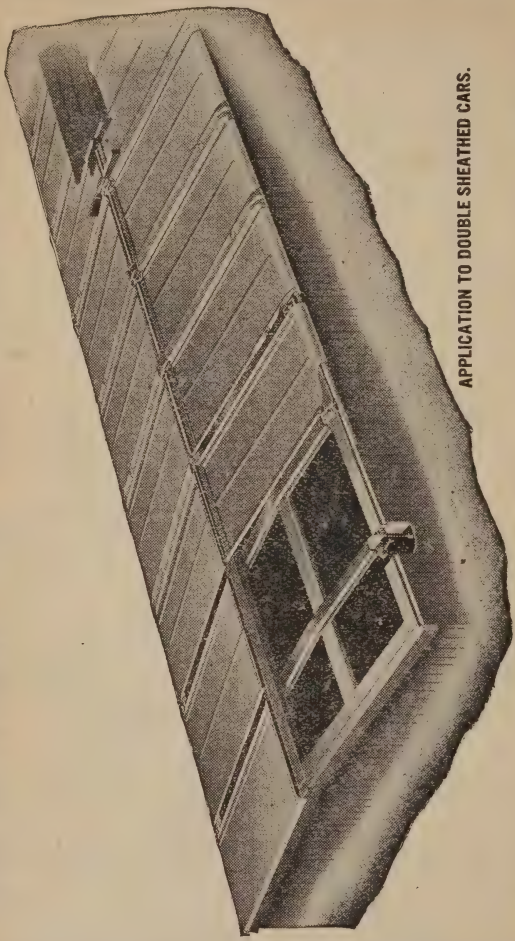
BOILER FOREMEN.

F. Brooks. St. Thomas, Ont
W. N. Moore } Wyoming, Mich.,
P. O. Grand Rapids
J. Troy. Saginaw, Mich

E. W. Groening, Rnd. Hse. For. Ionia, Mich

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York - Chicago

THE HUTCHINS ALL STEEL FLEXIBLE ROOF



APPLICATION TO DOUBLE SHEATHED CARS.

Hutchins Car Roofing Co., Detroit, Mich.

757—PERE MARQUETTE—Continued.

FOREMEN PAINTERS.

F. H. Bradshaw.....Saginaw, Mich
C. Chambers ..... { Wyoming, Mich., P.O. Grand Rapids
E. Phillips.....St. Thomas, Ont
F. H. Speckin.....Ionia, Mich

ENGINEERING, BRIDGES & ROADWAY

H. A. Cassil, Ch. Eng.....Detroit, Mich
J. Tuthill, Asst. Ch. Eng.. "

DIVISION ENGINEERS.

A. R. Dewees.....Detroit, Mich
J. E. Johnson.....Saginaw, Mich
W. Madden.....Grand Rapids, Mich
C. J. Rist.....Saginaw, Mich

P. Chipman, Office Eng....Detroit, Mich
C. S. Sheldon, Eng. B. & B. "

SUPERVISORS OF BRIDGES & BUILDINGS.

J. D. Black.....Saginaw, Mich
G. Higgins.....Grand Rapids, Mich
J. Robinson..... "
C. F. Weir.....Detroit, Mich
J. P. Woods.....Saginaw, Mich

DIVISION ROAD MASTERS.

W. C. Cole.....Edmore, Mich
L. P. Garnett.....Traverse City, Mich
A. Gustafson.....White Cloud, Mich
F. D. Harrigan.....Saginaw, Mich
N. Jorgensen.....Muskegon, Mich
A. Larson.....Grand Rapids, Mich
H. McLaughlin.....St. Thomas, Ont
F. J. Meier.....Benton Harbor, Mich
W. Meier.....Grand Ledge, Mich
R. A. Morrison.....Saginaw, Mich
S. Neeley.....Port Huron, Mich
W. O'Brien.....Toledo, O
S. S. Smith.....Saginaw, Mich

G. W. Trout, Sig. Eng. & Supt. Tel.....Detroit, Mich
H. C. Lorenzen, Asst. Sig. Eng..... "
F. E. Starkweather, Elec. Eng..... "

758—759—760—

761—PETALUMA & SANTA ROSA R.R. CO. (Electric).

43 Mls, 6 Loco, Cars: 92 Frt, 12 Pass, 1 Misc

¶✠✪E. H. Maggard, Pres. & Gen. Mgr..... { Petaluma, Cal.
G. P. McNear, Treas..... "
R. W. Wise, Sec.....San Francisco, Cal
H. Von Emster, Aud.....Petaluma, Cal
H. S. Graham, G. F. & P. A. "
§ W. G. Rennison, M. M..... "

762—PHILADELPHIA & READING RY.

See Reading Company, No. 808.

763—PHILADELPHIA BELT LINE.

6 Mls. Equipment owned—none

G. W. Norris, Pres... { 328 Chestnut St., Philadelphia, Pa
¶★✠A. Welch, V.-Pres. & Gen. Mgr..... "
N. Hayward, V.-Pres.. "
J. J. Curley, Sec..... "
H. E. Paisley, Treas... "

764—PHILADELPHIA, BETHLEHEM & NEW ENGLAND R. R.

72 Mls, 26 Loco, Cars: None

K. A. Kemmerer, Pres.... { Bethlehem, Pa.
W. L. Lewis, Aud..... "
★W. O. Hearsey, Supt..... "
¶W. C. Worth, Pur. Agt..... "
C. E. Lehr, Ch. Eng..... "

765—

766—PHILIPSBURG RY. & QUARRY CO. 7 Mls, 1 Loco, Car: 1 Pass

T. S. Allen, Mgr .....Philipsburg, Que

767—PICKENS R. R. CO., THE.

9 Mls, 1 Loco, Cars: 1 Pass

¶✪A. B. Taylor, Pres..Spartanburg, S.C
W. M. Hagood, V.-Pres.....Easley, S.C
J. E. Boggs, Sec. & Treas...Pickens, S.C
P. H. Patrick, Aud.....Salisbury, N.C
★✠J. T. Taylor, Gen. Mgr...Pickens, S.C

768—

769—PIEDMONT & NORTHERN RY. CO. (Electric).

127 Mls, 17 Loco, Cars: 147 Frt, 33 Pass, 16 Misc

W. S. Lee, Pres.....Charlotte, N.C
¶✪E. Thomason, V.-Pres. & Gen. Mgr..... "
F. E. Lagerholm, Asst. to V.-Pres..... "
W. T. Gill, Asst. to Gen. Mgr..... "
N. A. Cocke, V.-Pres. & Treas..... "
J. C. McGowan, Sec..... "
E. B. Hardin, Aud..... "
T. L. Black, Frt. Clm. Agt. "
J. S. Cureton, Traf. Mgr..Greenville, S.C
C. T. Brown, Asst. Traf. Mgr. "
W. I. Rankin, G. F. & P. A.. "
W. R. McLawhorn, Trans. Supt..... "
W. L. Hogan, Trans. Supt..Charlotte, N.C
A. D. Frye, Supt. M. P...Greenville, S.C
D. G. Smith, Supvr..... "
H. C. Holshouser, Supvr..Charlotte, N.C

769a—PIGEON RIVER R. R. CO.

10 Mls, 2 Loco, Cars: 1 Frt

¶★R. B. Newman, Jr., Gen. Supt. & Ch. Eng. Sevierville, Tenn

Official information not obtainable.

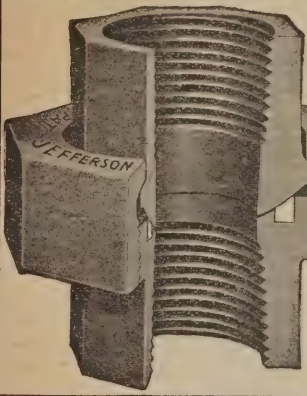
770—PINE BLUFF & NORTHERN RY. CO. 10 Mls, 1 Loco, Cars: 1 Misc

Receiver appointed Feb. 14, 1916.

¶★✠✪J. K. Riffel, Recr..... { 112 Fulk Bldg., Little Rock, Ark.
J. H. Schneider, Asst. to Recr..... "
H. N. Street, Gen. Mgr.....Lonoke, Ark

PINTSCH LIGHT USED ON 217 RAILROADS The Safety C. H. & L. Co. 2 Rector St., New York.

JEFFERSON UNION



Always keeps the joint tight; Requires no packing; Consists of a bronze metal seat, firmly encased in iron; Joint is spherical and thoroughly ground. Try it and be convinced of its superior qualities.

JEFFERSON UNION CO.

Lexington, Mass., U.S.A.

Denver Agents—
The Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.

Hydraulic Machinery

Portable Crank Pin Press

We make Punches, Shears, Riveters, Presses, Benders, Pumps, Accumulators, Jacks, etc., which embody every improvement for getting the greatest speed, efficiency and economy from hydraulic power. Our large line—over 4,000 machines probably offers a standard model that will meet your requirements. If not, we will build to order on short notice and at reasonable cost.

We have catalogs which cover our entire line. Write for them.

The Watson-Stillman Co.

1582 Hudson Terminal Bldg., New York

Chicago, McCormick Bldg.

222

771—PITTSBURGH & LAKE ERIE R.R CO., THE

231 Mls, 332 Loco, Cars: 35,840 Frt, 186 Pass, 571 Misc (Mileage and equipment also included in N. Y. C. Lines, No. 692x.)

Pittsburgh address, P. & L. E. Term. Bldg.
New York address, 466 Lexington Ave.
Chicago address, LaSalle St. Sta.

EXECUTIVE, FINANCIAL AND LEGAL.

J. M. Schoonmaker, Ch. Board.....Pittsburgh, Pa
P. E. Crowley, Pres..... } New
H. L. Ingersoll, Asst. to Pres.... } York,
S. B. Wight, Asst. to Pres..... } N. Y.
A. H. Harris, V.-Pres. & Chman. of Finance Comm..... "
J. B. Yohe, V.-Pres. & Gen. Mgr.....Pittsburgh, Pa
G. A. Harwood, V.-Pres. (Improv. & Develop.).... } New York, N. Y.
I. A. Place, V.-Pres. (Law)... "
G. H. Ingalls, V.-Pres. (Traffic) "
E. F. Stephenson, Sec..... "
W. F. Brunner, Asst. Sec. Pittsburgh, Pa
F. V. Whiting, Gen. Clms. Atty.....New York, N. Y.
W. M. Doulin, Treas.....Pittsburgh, Pa
J. C. Grooms, R. E. & Tax Agt..... "
F. A. Hruska, Ch. Clm. Agt. Cleveland, O

ACCOUNTING.

W. C. Wishart, Compt..... } New York,
L. V. Porter, Asst. Compt.. } N. Y.
F. H. Meeder, Asst. Compt.. "
A. P. Bixler, Gen. Aud. Pittsburgh, Pa
B. B. Rankin, Asst. Gen. Aud..... "

AUDITORS.

J. P. Glaser, (Disb.).....Pittsburgh, Pa
R. S. Hervey (Frt. Accts.). "
F. J. Kennedy (Pass. Accts.). "

R. H. Anthony, Frt. Clm. Agt.....Pittsburgh, Pa

TRAFFIC.

G. H. Ingalls, V.-Pres...New York, N. Y
C. J. Brister, Asst. to V.-Pres..Chicago, Ill
J. B. Nessle, Traf. Mgr.... } Pittsburgh,
F. T. Sladden, G. F. A..... } Pa
T. R. Fitzpatrick, Asst. G. F. A. "
C. E. Simpson, Asst. G. F. A. "
E. E. Smith, G. P. A..... "
O. S. Braden, Ind. Agt..... "
J. N. Crocker, Supvr. Mail Traf.....New York, N. Y

OPERATING.

J. B. Yohe, V.-Pres. & Gen. Mgr.....Pittsburgh, Pa
F. G. Minnick, Asst. Gen. Mgr..... "
F. M. Brown, Supt..... "
J. E. Hughes, Supt..... "
J. L. O'Toole, Supt. Frt. Trans..... "
M. R. Clinton, Supt. C. S.. "
L. A. Lee, Supt. Tel..... "
C. E. Hill, Gen. Safety Agt. New York, N. Y
F. H. Babcock, Safety Agt. Pittsburgh, Pa
A. H. Sykes, Safety Agt.. "

PURCHASING.

¶ W. C. Bower, Mgr. Purchases & Stores.....New York, N. Y
¶ C. M. Yohe, Pur. Agt.....Pittsburgh, Pa
L. Sutherland, Gen. Str. Kpr.....McKees Rocks, Pa

MECHANICAL.

D. J. Redding, Supt. M. P..Pittsburgh, Pa
M. A. Smith, Asst. Supt. M. P.....McKees Rocks, Pa
H. Courtney, Mech. Eng. Pittsburgh, Pa
K. Berg, Supt. Loco. Shops.....McKees Rocks, Pa
H. B. Kelly, Gen. Rd. For. Eng..... "

ROAD FOREMEN OF ENGINES.

H. Kessler.....McKees Rocks, Pa
L. S. Stewart..... "
A. Washburn.....Glassport, Pa
H. M. Wolf.....East Youngstown, O
C. H. McConnell, Elec. Eng.....Pittsburgh, Pa
§ S. Lynn, M. C. B.....McKees Rocks, Pa
W. C. Lang, Asst. M. C. B. "
W. R. Rogers, Ch. Interchange Insp.....Youngstown, O
R. J. Farrington, Gen. For. & Ch. P. W. Insp. McKee's Rocks, Pa

GENERAL FOREMEN CAR DEPARTMENT.

F. Emery.....New Castle Jct., Pa
H. W. Ferree.....McKees Rocks, Pa
P. H. Fieldson.....Dickerson Run, Pa
P. J. Fink.....Woodlawn, Pa
M. L. Harger.....Newell, Pa
H. J. Kohl.....Pittsburgh, Pa
W. Lynn..... } Davis Island, Pa
} P. O. McKees Rocks
J. Merscher.....Glassport, Pa
T. Stanton.....Struthers, O
A. A. White.....Monessen, Pa

GEN. FOREMEN LOCOMOTIVE DEPARTMENT.

C. L. Beeson, Jr.....College, Pa
H. W. Calvert.....New Castle, Pa
G. Dittman.....McKees Rocks, Pa
J. J. Donovan.....Newell, Pa
S. W. Inks.....Dickerson Run, Pa
W. T. Karnes.....Glassport, Pa
R. D. Redding.....East Youngstown, O
R. M. Long, Supvr. Air Brakes.....McKees Rocks, Pa
A. F. Lawson, For. Paint. "

ENGINEERING, BRIDGES & ROADWAY

A. R. Raymer, Ch. Eng...Pittsburgh, Pa
E. W. Boots, Eng. M. W..... "
F. J. Nannah, Eng. Constr. & Valua. Eng..... "
R. P. Forsberg, Princ. Asst. Eng..... "
B. A. Ludgate, Asst. Eng... "
A. W. Thornton, Res. Eng.. "
J. A. Noble, Supvr. B. & B.. } McKees
H. C. Osborne, Supvr. Water } Rocks, Pa
Supply..... "
J. R. Watson, Rd. Mast..Pittsburgh, Pa
W. E. Davin, Asst. Rd. Mast..... "

SUPERVISORS.

M. J. Cagney.....McKeesport, Pa
R. B. Cusick..... "

1856 1926

WICKES BROTHERS

Saginaw, Michigan

BUILDERS OF

Heavy Duty Plate and Structural Tools

Heavy Duty Engine Lathes, Special Production

Lathes and Crankshaft Turning Equipment

Blue Print Machines

Seattle Office - - - 736 White-Henry Building
New York Office - - - - 501 Fifth Avenue

CROWE SAFETY SAWS

Are Labor Savers.
Approved by Safety Committees.
Are Standard.
Save two hours and more on each car.
Cuts up to 4¼" thick.

UNIVERSAL ELECTRIC MOTORS.

Crowe Manufacturing Corp.
133 East Third Street
CINCINNATI, OHIO

771—PITTSBURGH & LAKE ERIE—Continued.

SUPERVISORS—CONTINUED.

J. F. Forst.....Beaver Falls, Pa
C. J. Hartnett.....McKeesport, Pa
J. R. Jennings.....Beaver Falls, Pa
J. F. Lash..... "
S. J. Quinn.....Youngstown, O

SIGNAL DEPARTMENT.

I.S.Raymer, Sig. Eng....Pittsburgh, Pa
F. K. Mitchell, Sig. Insp.. "
W. S. Mitchell, Sig. Insp.....Beaver, Pa

SIGNAL SUPERVISORS

W. A. Dean.....Pittsburgh, Pa
J. McCowin.....McKeesport, Pa
L. H. Wilson.....Beaver Falls, Pa

G. V. Woodling, Supvr. Train Control.....Pittsburgh, Pa

772—PITTSBURGH & OHIO VAL. RY.
2 Mls, 3 Loco, Car: 1 Frt.

¶C. J. Mitchell, Supt..... } Pittock, Pa.
J. H. McAlpine, Car Acct. } Allegheny Co

For other officials see E. & M. R.R., No. 325b

773—PITTSBURG & SHAWMUT R. R. CO., THE.
103 Mls, 24 Loco, Cars: 2,367 Frt, 13 Pass, 24 Misc

A. T. Walker, Ch. of Bd. } 111 B'way, New York, N.Y
J. Hubbard, Vi-Ch. of Bd..... } 60 Wall St., New York, N. Y
E. E. Tait, Pres..... } Union Trust Bldg. Pittsburgh, Pa.
F. A. Schmidt, Sec.....Kittanning, Pa
A. C. Griffith, Aud. & Treas..... "
E. E. Rudd, Asst. Sec. & Asst. Treas..... } 111 Broadway, New York, N.Y
L.R.Button, Ch.Tar.Bur.Kittanning, Pa
R. E. Ball, G. F. & P. A.. "
¶ J. T. Colbert, Gen. Supt. "
C. B. Reed, Gen. Str. Kpr.... } Brookville, Pa
A. H. Ream, Supt. M. P. & Equip. }
C. M. Newkirk, Rd. For. Eng... "
C. Hellman, Gen. Car. For..... "
H. Burkhart, For. Paint..... "
W. W. Morrison, Ch. Eng. Kittanning, Pa
J. H. Doran Rd. Mast....Brookville, Pa
D. D. Lucore, Supt. Tel. & Sig. "

774—PITTSBURGH & SUSQUEHANNA R. R. CO.
19 Mls, 3 Loco, Cars: 10 Pass, 5 Misc

✪J. K. Johnston, Pres.....Tyrone, Pa
J. E. Fryberger, V.-Pres. Philipsburg, Pa
¶✠J. Sheriff, Treas. & Supt. "
A. M. Liveright, Gen. Coun. Clearfield, Pa
H. H. Humphrey, Car Acct.....Philipsburg, Pa
A. Nordberg, M. M..... "

774a—PITTSBURGH & WEST VIRGINIA RY. CO., THE
89 Mls, 30 Loco, Cars: 4,193 Frt, 14 Pass, 68 Misc
Pittsburgh Address, 417 Wabash Bldg

✪F. E. Taplin, Ch. of Board & Pres.....Cleveland, O
W. J. Manley, Asst. to Pres. "
H. W. Nethken, V.-Pres. & Gen. Mgr.....Pittsburgh, Pa
A. I. Derr, Asst. to V.-Pres. & Gen. Mgr..... "
J. R. Kraus, V.-Pres.....Cleveland, O
F. H. Harvey, Sec. & Gen. Aud.....Pittsburgh, Pa
H. C. Moore, Treas..... "
C. F. Taplin, Gen. Coun...Cleveland, O
J. S. Wendt, Gen. Atty..Pittsburgh, Pa
V. A. Wholey, Gen. Traf. Mgr..... "
R. M. Paisley, G.F.&P.A. "
P. Gruber, Asst. G.F.&P.A. "
H. J. Yute, R. E. & Frt. Clm. Agt..... "
C.O.Dambach, Gen. Supt. "
W. C. Noonan, Car Acct. "
¶ R. L. Robinson, Pur. Agt. & Str. Kpr..... } R. F. D. No. 8, Crafton, Pa.,
T. E. Cannon, Gen. Supt. Locos. & Equip. } P.O. Pittsburgh "
H. H. Temple, Ch. Eng..Pittsburgh, Pa

775—PITTSBURGH, ALLEGHENY & McKEE'S ROCKS R. R. CO.
25 Mls, 7 Loco, Cars: 127 Frt

F. N. Hoffstot, Pres.. } 55 Broad St., New York, N. Y
¶★✠✪F. M. Garland, V.-Pres. & Treas..... } McKee's Rocks, Pa
A. G. Davis, Sec. & Aud..... "

776—PITTSBURGH, CHARTIERS & YOUGHIOGHENY RY. CO.
22 Mls, 11 Loco, Cars: 30 Frt, 4 Pass
Pittsburgh address, 1202 Century Bldg.

H. C. Nutt, Pres & Gen. Mgr. Pittsburgh, Pa
E. T. Whiter, Vice-Pres.. "
J. B. Yohe, V.-Pres..... "
S. H. Church, Sec..... "
T. H. B. McKnight, Treas.. "
W. W. Mayer, R. E. Agt.. "
W. D. Hill, Aud..... "
A. Van Meter, Gen. Atty. "
¶★F. H. Powell, Supt..... "
E. V. Braden, Eng..... "

776a—PITTSBURG COUNTY RY. CO. (Electric).
25 Mls, 2 Loco, Cars: 6 Frt, 13 Pass, 2 Misc

✪¶G. W. Skow, V.-Pres. & Gen. Mgr..... } McAlester Okla.
J. A. Pierce, Asst. Treas.... "
M. M. Schene, Aud..... "
W. H. Goodner, Traf. Agt... "
J. M. Putnam, Supt..... "
W. M. Polk, Shop For..... "
H. T. Asbury, Ch. Eng..... "

777—PITTSBURGH, LISBON & WESTERN R. R. CO., THE
26 Mls, 4 Loco, Cars: 8 Frt, 4 Pass, 2 Misc

W. H. Reid, Pres.....New York, N. Y
¶✠✪N. B. Billingsley, V.-Pres & Gen. Mgr.....Lisbon, O
B. W. Johnson, Sec ..... "
M. E. Johnston, Treas..... "
L. Lyon, Aud., Traf. Mgr. & Supt. "
J. E. Sissel, Asst. Aud..... "
M. Beiling, Car Acct...New Galilee, Pa
W. A. Luce, M. M. ..... "

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

for Railroad Use

TANKS

OF EVERY DESCRIPTION

AIR BRAKE
MAIN AIR RESERVOIRS

SCAIFE Tanks are the products of years of experience in the manufacture of quality products. They can be had for the storage of air, oil or gasoline and have a reputation for enduring service in railroad circles! Write—

WM. B. SCAIFE & SONS CO., PITTSBURGH, PA.

New York **SCAIFE TANKS** Chicago

THE TYLER TUBE & PIPE CO.

MANUFACTURERS OF

KNOBBLED CHARCOAL IRON

LAPWELD O. H. STEEL

LOCOMOTIVE BOILER TUBES

General Sales Office: - - Washington, Pennsylvania

778—PITTSBURG, SHAWMUT & NORTHERN R. R. CO., THE
210 Mls, 38 Loco, Cars: 1,150 Frt, 21 Pass, 51 Misc
Receiver appointed August 1, 1905.
✪J. D. Dickson, Recr.....St. Marys, Pa
P. B. McBride, Asst. to Recr.. "
F. W. Frost, Sec.....New York, N. Y
C. L. Lathrop, Gen. R. E. Agt. & Clm. Agt.....Angelica, N. Y
F. M. Opel, Aud.....St. Marys, Pa
F. H. Wells, G. F. & P. A..... "
C. L. Whitwood, Asst. G. F. A. "
B. C. Mulhern, Gen. Supt..... "
A. G. Geuder, Supt. Trans..... "
¶F. S. Hammond, Pur. Agt. & Gen. Str. Kpr..... "
§ F. E. Gerg, Supt. M. P. & Equip. "
F. J. Keim, Gen. For..... "
J. P. Yaeger, Gen. Car For..... "
J. W. Williams, Car For.... } Angelica, N. Y.
J. N. Thompson, Supt. M. W. }
E. W. Dorsey, Gen. For..... "
H. L. Newman, Maint. Eng.... "
J. B. Benson, Rd. Mast....St. Marys, Pa
J. H. Krebs, Rd. Mast....Angelica, N. Y

779—POND FORK & BALD KNOB R. R. CO. 13 Mls, 1 Loco. Cars owned—none
E. W. Edwards, Pres. } 1739 East'n Ave., Cincinnati, O.
J. E. C. Kohlsaat, Sec.-Treas..... "
¶★✠C. E. Barrett, Gen. Mgr. Barrett, W. Va

779a—PORT ANGELES WESTERN R. R. CO.
53 Mls, 4 Loco, Cars: 14 Frt
J. Lyon, Pres.....Los Angeles, Cal
J. Garrigues, V.-Pres.. "
R. B. Miller, V.-Pres.....Portland, Ore
F. S. Scritsmier, V.-Pres. & Gen. Mgr.....Port Angeles, Wash
S. H. Brown, Sec. & Asst. Treas.. .....Los Angeles, Cal
¶C. A. Erickson, Treas., Asst. Sec. & Aud..Port Angeles, Wash
§★J. W. Forrester, Ch. Eng. "

780—PORT BOLIVAR IRON ORE RY.
34 Mls. Equipment owned—none
C. J. Sharp, Pres..... } Longview, Tex.
L. L. Featherstone, Sec. & Treas..... "
¶P. P. Featherstone, V.-Pres. & Gen. Mgr..... "

781—PORT HURON & DETROIT R. R. CO. 22 Mls, 4 Loco, Cars owned, None
J. E. Duffy, Pres..... } Port Huron, Mich.
R. H. Neilson, Sec. & Gen Atty..... "
W. H. Brahany, Aud..... "
¶✠A. C. McDannel, Gen. Mgr. & Treas..... "
J. W. North, M. M..... "

782—PORT OF ASTORIA BELT LINE R. R. 7 Mls. Equipment owned—none
R. R. Bartlett, Mgr. & Ch. Eng. } Astoria, Ore.
C. L. Hess, Aud..... }
W. H. Nelson, Traf. Mgr..... "
¶L. B. Ryan, Pur. Agt..... "

783—784—785—

786—PORTLAND ELECTRIC POWER CO. INTERURBAN LINES.
112 Mls, 13 Loco, Cars: 470 Frt, 62 Pass, 54 Misc
✪F. I. Griffith, Pres..... } Portland, Ore.
W. H. Lines, Asst. to Pres... }
O. B. Coldwell, V.-Pres..... "
G. L. Estabrook, Sec. & Treas.....Philadelphia, Pa
R. W. Shepherd, Gen. Aud., Asst. Sec. & Asst. Treas... } Portland, Ore.
A. J. Johnstone, Aud..... "
E. W. Grilley, Aud. Frt. Accts. "
B. F. Boynton, Clm. Agt..... "
F. D. Hunt, Traf. Mgr..... "
G. C. Fields, Supt..... "
J. F. Roach, Asst. Supt..... "
A. N. Barker, Car Acct..... "
¶W. J. Morris, Pur. Agt..... "
F. Willis, M. M..... "
N. S. Evensen, For. Paint..... "
T. Pumfrey, Eng. M. W..... "

787—PORTLAND TERMINAL CO.
50 Mls, 25 Loco, Cars: 22 Misc
C. H. Priest, Supt..... .....Portland, Me
H. A. Southworth, M. M... "
F. H. Bennett, Gen. For.....Thompson's Point, Me
P. K. Jenkins, Gen. For..So. Portland, Me
H. H. Robinson, Rd. Mast..Portland Me
For other officials see M. C. R. R., No. 563.

787a PORT TOWNSEND & PUGET SOUND RY. CO. 12 Mls, 2 Loco, Cars: 10 Frt, 2 Pass (including 1 Motor.)
✪C. J. Erickson, Pres.. } 1045 Henry Bldg., Seattle, Wash.
★§ C. E. Erickson, V.-Pres. & Treas..... "
H. C. Belt, V.-Pres..... "
A. W. Hayland, Sec..... "
¶G. Egan, Aud. & Pur. Agt..... "
G. L. Erickson, Supt... "
N. P. Grasser, Asst. Supt..... } Port Townsend, Wash.
J. F. Herman, Ch. Eng...Seattle, Wash

787b—POTATO CREEK R. R. CO.
4 Mls, 3 Loco, Cars: 184 Frt, 1 Pass, 6 Misc
S. D. Barclay, Pres.....Laquin, Pa
M. M. Quinn, V.-Pres. & Sec..Olean, N. Y
P. H. Quinn, Treas..... "
W. F. Pickard, Aud. & G. F. & P. A. "
E. V. Quinn, Gen. Mgr..... "
¶✠R. M. Quinn, Supt.....Betula, Pa
L. B. Peterson, M. M..... "

787c—POTEAU & CAVANAL MOUNTAIN R. R. CO.
4 Mls, 1 Loco, Cars: 1 Pass
Chicago address, 808 Chicago Trust Bldg.
C. H. Blake, Pres.....Chicago, Ill
T. B. Lunsford, V.-Pres...Poteau, Okla
¶P. R. Smith, Sec. & Treas...Chicago, Ill

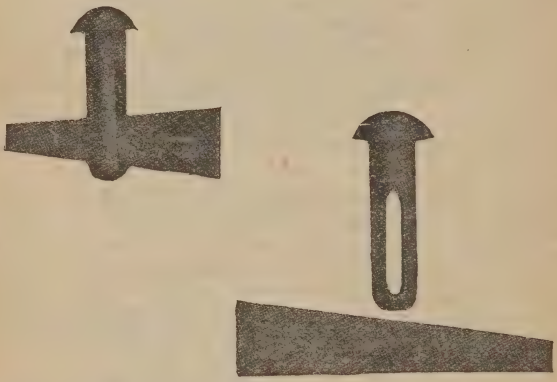
788—POTEAU VALLEY R. R. CO., THE
7 Mls, Cars: 1 Pass
For officials see K. C., So. Ry., No. 472.

789—POTOMAC, FREDERICKSBURG & PIEDMONT R. R.
See Orange & Fredericksburg R. R., No. 729.

REDUCE YOUR BOLTING EXPENSE
ONE-HALF BY USING OUR

Special
Fitting Up Bolts

ALL SIZES—ANY LENGTH



KEY-BOLT APPLIANCE CO.

MANUFACTURERS

Factory and Offices
ORCHARD PARK, N. Y.
U. S. A.

790—POTOSI & RIO VERDE RY.
42 Mls, 3 G, 4 Loco, Cars: 97 Frt, 1 Pass, 2 Misc
New York address, 120 Broadway.
H. A. Guess, Pres.....New York, N. Y
D. C. Brown, V.-Pres.... "
W. Loeb, V.-Pres..... "
G. A. Brockington, Sec. "
J. C. Emison, Treas.... "
L. A. Chapin, Aud..... "
★✠R. M. Leech, Supt.. { San Luis Potosi, S. L. Potosi, Mex
¶ J. M. Davis, Pur. Agt.....El Paso, Tex

790a—POTOSI CENTRAL R. R.
9 Mls, 1 Loco, Cars: 4 Frt
✠W. M. Drury, Gen. Mgr.....El Paso, Tex
¶ W. H. Loerpabel, Supt { Charcas, S. L. P., Mexico
M. B. Stewart, Mech. Eng..El Paso, Tex

790b—PRATTSBURGH RY. CORP.
12 Mls, 1 Loco, Cars: 1 Pass
✪J. Flaherty, Pres.....Prattsburgh, N. Y
W. W. Cole, V.-Pres.. "
S. D. Cornell, Sec. ... "
C. E. Clark, Treas.... "
¶✠C. F. Hotchkin, Gen. Mgr. & Car Acct.... "
C. B. Smith, M. M..... "

791—PRESCOTT & NO.-WESTERN R. R. CO. 33 Mls, 4 Loco, Cars: 65 Frt, 3 Pass
W. N. Bemis, Pres..... { Prescott, Ark.
J. R. Bemis, V.-Pres..... {
¶✪O. H. Helbig, V.-Pres. & Traf. Mgr..... "
J. I. Beggs, V.-Pres.....Milwaukee, Wis
T. P. Meadors Sec. & Asst. G. F. & P. A.....Prescott, Ark
W. S. Jones, Treas. & Aud. "
J. E. Wurtz, M. M..... "
T. W. Smith, Supvr. M. W. & Struct..... "

792—PRESTON R. R. CO.
56 Mls, 5 Loco, Cars: 50 Frt, 40 Misc
Pittsburgh address, Oliver Bldg.
✪S. A. Kendall, Pres.....Pittsburgh, Pa
J. L. Kendall, V.-Pres... "
¶★S. A. Kendall, Jr., V.-Pres..Crellin, Md
W. Wallace, Sec.....Pittsburgh, Pa
E. Hamstrom, Asst. Treas. & Aud..... "
J. W. Kendall, Gen. Mgr.. "
C. Ream, G. F. A.....Crellin, Md
J. L. Canby, Ch. Eng....Pittsburgh, Pa

793—794—

795—PUGET SOUND & CASCADE RY. CO. 29 Mls, 2 Loco, Cars: 72 Frt
B. R. Lewis, Pres..... { Clear Lake, Wash.
S. B. Lewis, V.-Pres. & Gen. Mgr..... {
E. P. Keefe, Sec. & Traf. Mgr. "
A. L. Lewis, Treas. & Gen. Supt..... "
W. R. Steer, Aud..... "
E. J. Clark, Pur. Agt..... "
W. Cook, M. M..... "
R. E. MacDonald, Ch. Eng.. "

796—PULLMAN R. R.
22 Mls, 7 Loco, Cars: 70 Frt
R. Dean, Pres.....Chicago, Ill
¶✠J. T. Morrison, V.-Pres.... "
F. M. Muir, Sec. & Treas.... "
W. C. Meade, Aud..... { Pullman, Chicago, Ill
★N. Kunst, Supt..... {

796a—QUAKERTOWN & BETHLEHEM R. R. CO. 15 Mls, 1 Loco, Car: 1 Frt
Allentown address, Commonwealth Bldg
J. M. Buckland, Pres. & Treas .....Allentown, Pa
J. A. Waidelich, Sec... "
¶★✠J. C. Witt, Gen. Mgr. "
M. S. Lentz, Traf. Mgr... "

797—QUANAH, ACME & PACIFIC RY. CO.
91 Mls, 5 Loco, Cars: 51 Frt, 3 Pass, 13 Misc
St. Louis address, Frisco Bldg.
A. F. Sommer, V.-Pres. & Gen. Mgr.....Quanah, Tex
¶ C. H. Sommer, V.-Pres....St. Louis, Mo
T. K. Hawkins, Sec., Treas., Aud. & Car Acct..... "
C. B. Dorchester, Asst. Treas.....Sherman, Tex
J. P. Marrs, Gen. Atty.....Quanah, Tex
Dr. T. D. Frizzell, Ch. Surg. "
A. R. Turner, M. M..... "
J. Buel, Rd. Mast..... "

798—QUEBEC CENTRAL RY. CO.
296 Mls, 44 Loco, Cars: 1,027 Frt, 53 Pass
Grant Hall, Pres.....Montreal, Que
I. G. Ogden, V.-Pres..... "
H. C. Oswald, Sec..... "
W. S. Fry, Treas..... { Sherbrooke Que.
A. H. Bradford, Gen. Acct. {
J. T. Hawkins, Frt. Clm. Agt. "
G. D. Wadsworth, G. F. & P. A..... "
✪J. H. Walsh, Gen. Mgr..... "
J. T. Reid, Supt..... "
W. S. Moy, Car Acct..... "
¶ T. M. Hawkins, Pur. Agt. & Str. Kpr..... "
G. M. Robins, M. M..... "
J. T. Morkill, Ch. Eng.... "
F. H. Hibbard, Eng. M. W. "
J. Farquhar, Supt. B. & B. "
ROAD MASTERS.
A. Bourque.....Valley Junction, Que
G. Couture..... ....Sherbrooke, Que

799—QUEBEC, MONTREAL & SOUTHERN RY. CO.
191 Mls, 12 Loco, Cars: 1,422 Frt, 19 Pass, 59 Misc
Montreal address, 698 St. Catherine St., W.
New York address, 32 Nassau St.
L. F. Loree, Pres.....New York, N.Y
✪F. P. Gutelius, V.-Pres....Montreal, Que
W. H. Williams, V.-Pres..New York, N.Y
A. L. Currie, Sec. & Gen. Supt. Sorel, Que
W. H. Davies, Treas.....New York, N.Y
W. E. Eppler, Compt..... "
H. D. Chamberlain, Aud...Albany, N.Y
R. B. Sims, Frt. Clm. Agt.. "
J. A. Demers, Gen. Acct.....Sorel, Que

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies | Made by Standard Coupler Co.

ALAN WOOD IRON & STEEL CO.

SAN FRANCISCO
LOS ANGELES
SEATTLE

Philadelphia, Pa.

NEW YORK
BOSTON
DALLAS

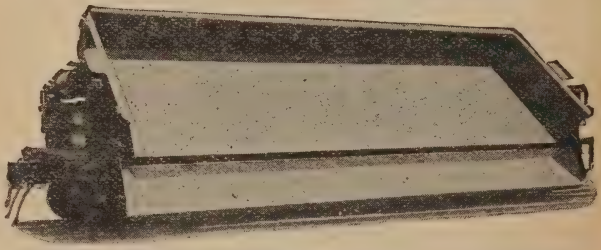
ROLLED STEEL FLOOR PLATES
FOR
Platforms, Steps, Running Boards

ALAN WOOD IRON & STEEL CO. ESTABLISHED 1826 TRADE A.W. MARK PHILADELPHIA

STEEL SHEETS AND PLATES
FOR
Locomotives, Passenger Cars, Freight Cars

PIG IRON—FORGING BILLETS

EXTENSION SIDE DUMP CARS
TWO WAY—AIR OPERATED



Used extensively by more than 90 Companies.
Descriptive Leaflet No. 15, containing complete description, will be sent upon request.

For detailed description see Car Builders' Cyclopedia, 1925 Edition

CLARK CAR COMPANY, Oliver Building, Pittsburgh, Pa.

799—QUEBEC, MONTREAL & SOUTHERN—Cont'd
N. J. Ferguson, G. F. & P. A., Montreal, Que
R. F. Holland, Car Acct.. "
¶E. S. Greetham, Str. Kpr.....Sorel, Que
§G. F. Levesque, M. M..... "
E. L. Gibson, Div. Eng..... "
A. L'Ecuyer, Rd. Mast..... "

799a—QUEBEC ORIENTAL RY.
98 Mls, 9 Loco, Cars: 5 Frt, 4 Pass
E. B. Read, Pres.....London, Eng
E. S. Elvey, Sec. & Treas.. "
W. McDonald, Rd. Mast.....New Carlisle, Que
For other officials see A., Q. & W. Ry. No. 49.

800—QUEBEC RAILWAY, LIGHT & POWER CO.
33 Mls, 7 Loco, Cars: 147 Frt, 25 Pass, 1 Misc, 11 Mot
Operated by steam and electricity.
J. C. Smith, Pres..... { Montreal, Que.
H. Murray, V.-Pres..... { "
J. Wilson, Sec..... "
W. S. Hart, Treas..... "
J. J. O'Brien, Ch. Acct..... { Quebec, Que.
E. G. Glasson, Aud. Frt. & Pass. Rec. .. { "
J. A. Forget, Frt Clm. Agt..... "
✪J. E. Tanguay, Gen. Mgr..... "
W. J. Lynch, Asst. Gen. Mgr... "
J. A. Cote, Supt..... "
V. Morissette, Car Acct..... "
¶H. G. Bosse, Pur. Agt..... "
P. J. Quinn, Mech. Supt..... "
J. T. Cassels, Supt. Overhead Works..... "
R. B. McDonnough, Ch. Eng.... "
C. J. Pigot, Eng. M. W..... "

801—QUINCY, OMAHA & KANSAS CITY R. R. CO.
251 Mls, 20 Loco, Cars: 11 Frt, 14 Pass, 32 Misc
Kansas City address, 120 Ry. Exch. Bldg.
J. G. Schneider, Pres.....St. Joseph, Mo
H. N. Grut, V.-Pres. & Treas. Chicago, Ill
E. J. Smith, Sec.....Burlington, Ia
A. W. Anderson, Asst. Sec. & Asst. Treas.....Chicago, Ill
J. G. Trimble, Gen. Atty..St. Joseph, Mo
¶C. Woodcock, Aud..... } Kansas City,
J. J. Mcgraw, G. F. & P. A. { Mo.
✪J. P. Cummings, Supt.....
W. R. Shrodes, Supt Tel.....Milan, Mo
W. G. Horley, Str. Kpr..... "
J. C. Woods, M. M..... "
E. M. Green, Supvr. B. & B... "
G. J. Duvall, Rd. Mast..... "

802— UINCY R. R. CO.
6 Mls, 2 Loco, Cars: 1 Frt, 2 Pass, 1 Misc
✪F. S. Murphy, Pres..San Francisco, Cal
W. Y. Stoddard, Vice-Pres. & Gen. Mgr.....Quincy, Cal
R. L. MacArthur, Sec. San Francisco, Cal
¶★✠L. H. Thayer, Supt.....Quincy, Cal

802a—RAHWAY VALLEY CO.
15 Mls, 2 Loco, Cars: 1 Frt, 2 Motor
New York address, 52-54 William St.
¶★✠R. A. Clark, Pres., Sec. & Gen. Mgr.... Kenilworth, N. J
R. S. Wolcott, V.-Pres...New York, N. Y
W. L. Bainton, Treas... "
G. I. Mitchell, Car Acct..Kenilworth, N. J
G. A. Clark, G. F. A.... "

803—RALEIGH & CHARLESTON R. R.
43 Mls, 4 Loco, Cars: 2 Frt, 7 Pass
¶★C. Lane, Supt.....Marion, S. C
For other officials see S. A. L. Ry. Co., No. 886.

804—RAPID R. R. CO.
34 Mls, 1 Loco
Detroit address, Traction Bldg., Highland Park, Mich.
Receivers appointed March 10, 1925.
Security Trust Co., Recr..... { Detroit, Mich.
W. C. Dunbar, Recr. ..... { "
✪E. J. Burdick, Gen. Mgr..... "
A. E. Peters, Sec..... "
J. Bampton, Treas..... "
J. B. Hooper, Aud. Frt. Accts.. "
W. S. Rodger, Gen. Traf. Mgr.. "
N. Rumney, Gen. Frt. Agt. & Frt. Clm. Agt..... "
H. Bullen, Gen. Supt..... "
¶G. Garland, Pur. Agt..... "
A. J. Challeen, Act. Supt. Shops. "
J. M. Mudie, Ch. Eng..... "

804a—RAPID CITY, BLACK HILLS & WESTERN R. R. CO.
35 Mls, 3 Loco, Cars: 11 Frt, 3 Pass, 5 Misc
C. T. Lamb, Pres.....Hinsdale, Ill
A. C. Hunt, Sec.....Rapid City, S. D
A. S. Halley, Treas..... "
A. S. Hearn, Aud..... "
R. W. Shore, Asst. Aud. "
¶✪R. E. Mytinger, Gen. Mgr. "
J. H. Rehder, M. M..... "
J. A. Skaggs, Rd. Mast. "

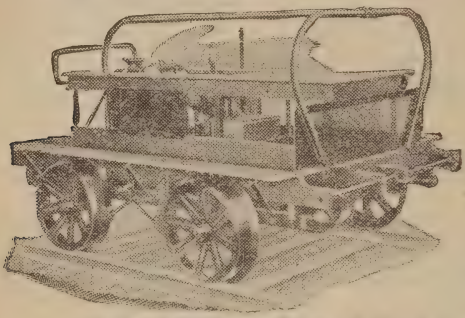
805—RAQUETTE LAKE RY. CO.
18 Mls, 2 Loco
For officials see N. Y. C. R. R., No. 693a.

806—RARITAN RIVER R. R. CO.
23 Mls, 10 Loco, Cars: 52 Frt, 6 Pass, 9 Misc
✪G. Holmes, Pres.....Jersey City, N. J
G. T. Smith, V.-Pres.... "
¶C. H. Sisson, Sec., Treas. & Pur. Agt..... "
L. L. Sheppard, Aud. & Traf. Mgr..... { South Amboy, N. J.
T. Filskov, Supt. & Ch. Eng "
R. T. Stuart, Gen. For. Shop..... "
C. H. Stockton, Rd. Mast. "

807—RAY & GILA VALLEY R. R. CO.
10 Mls, 2 Loco, Cars: 46 Frt, 3 Pass
San Francisco address, Hobart Bldg.
S. Aldrich, Pres.....New York, N. Y
✪D. C. Jackling, V.-Pres. San Francisco, Cal
C. Hayden, Treas.....New York, N. Y.
A. J. Ronaghan, Sec.... "
R. I. Ezell, Asst. Sec., Asst. Treas. & Aud.....Hayden, Ariz
H. B. Tooker, Traf. Mgr.....Salt Lake City, Utah
✠W. S. Boyd, Gen. Mgr.....Ray, Ariz
C. A. Smith, Gen. Supt..... "
¶A. J. Maclean, Gen. Pur. Agt.....San Francisco, Cal
T. A. Maslin, M. M.....Ray, Ariz

Fairmont

Ball Bearing Engines and Railway Motor Cars



M-2
Section Car

CONFIDENCE

Based Upon Performance

More than half of the motor cars purchased each year are Fairmonts.

The overwhelming preference for these sturdy cars is the result of outstanding performance on the job.

Performance on the Job Counts

Cost records offer indisputable evidence of Fairmont's greater economy. Comparative tests under the most severe conditions prove their greater safety and reliability.

Designed by pioneers in the industry Fairmonts represent the latest developments in motor car construction. Their workmanship is consistently superior; and their prices—most reasonable.

FAIRMONT RAILWAY MOTORS, Inc., Fairmont, Minn.

807a—READER RAILROAD.

23 Mls, 1 Loco, Cars owned: none

A. S. Johnson, Pres.....Reader, Ark
H. B. Johnson, V.-Pres..... "
★✠B. McCullough, Sec. & Gen. Mgr..... "
G.F.Thomas, Traf. Mgr. Little Rock, Ark

808—READING COMPANY.

1,113 Mls, 1,118 Loco, Cars: 42,230 Frt, 994 Pass, 1,039 Misc

Philadelphia address, Reading Terminal

EXECUTIVE, FINANCIAL AND LEGAL

E.T.Stotesbury, Ch.of Board } Philadel-
A. T. Dice, Pres..... } phia, Pa
J. F. Auch, Asst. to Pres..... "
C. H. Ewing, V.-Pres..... "
E. D. Hilleary, V.Pres. (Frt. Traffic)..... "
J. V. Hare. Sec..... "
H. S. Fisher, Asst. Sec..... "
H. E. Paisley, Treas..... "
J. S. Sneyd, Asst. Treas..... "
C. Heebner, Gen. Coun..... "
G. Chambers, R. E. Agt..... "
C.E. Dilkes, Jr., Asst. R. E. Agt. "
W. L. Kinter, Gen.Solr..... "
W. C. Mason, Asst.Gen.Solr.... "
W. C. Brister, Gen. Clm. Agt.. "
F. M. Fleck, Asst.Gen.Clm.Agt. "
W. J. Wilson, Frt. Clm. Agt.... "

VALUATION COMMITTEE.

C. Hansel, Const.Valua.... } New York,
Eng. & Ch. Valua. Com... } N. Y.
E.Y. Allen, Valua. Eng..... } Philadel-
H. L. Laning, Valua. Eng.... } phia, Pa.
W. Austin, Office Eng..... "

ACCOUNTING.

A. B. Bierck, Compt..... } Philadel-
P. J. Kelly, Aud. Pass. Traf. } phia, Pa.
W. E. Murphy, Aud. Frt. Traf.. "
J.H.Reeve, Asst. Aud. Frt. Traf. "
H. Foster, Asst. Aud. Frt. Traf. "
H.R. McCormick, Aud. Disb... "
C.L. Snyder, Asst. Aud. Disb.. "
G. W. Smith, Aud. Traf. Rec. "

TRAFFIC.

E. D. Hilleary, V.-Pres. Philadelphia, Pa
H.C.Stauffer, Frt. Traf. Mgr..... "
J. W. Hewitt. Asst. Frt. Traf. Mgr..... "
R. C. Campbell, G.F.A. "
L.R.Jones, Asst. G.F.A. "
J. A. Fisher, For. Frt. Agt..... "
E. D. Osterhout, Pass. Traf. Mgr..... "
E. J. Weeks. Asst. Pass. Traf. Mgr..... "
J. S. Selby. G. P. A..... "
C. C. Williams, Asst. G. P. A..... "
J. P. Connolly, Supvr. Mail Traf..... Jersey City, N.J
C. C. Rambo, Gen. Coal Frt. Agt..... Philadelphia, Pa
W. B. Gheen, Coal Frt. Agt..... "
H.W. Souders, G. B. A. "

OPERATING.

C. H. Ewing, V.-Pres..Philadelphia, Pa
F. M. Falck, Gen. Mgr..... "
V. B. Fisher, Gen. Supt....Reading, Pa
R.B.Abbott, Asst. Gen. Supt.. "

DIVISION SUPERINTENDENTS.

C. E. Chamberlin.....Harrisburg, Pa
A. T. Dice, Jr.....Reading, Pa
W. F. Eckert.....Philadelphia, Pa
A. J. Farrell.....Tamaqua, Pa
D. S. Haldeman (Asst.)....Reading, Pa
N. W. Jones (Asst.)...Philadelphia, Pa
W. D. Kinzie (Asst.).....Tamaqua, Pa
J. C. Peters.....Philadelphia, Pa
I. T. Tyson.....Reading, Pa

A.T.Owen, Supt. Trans..... } Philadel-
J. M. Gilland, Trans. Asst.. } phia, Pa.
A. C. Tosh, Insp. Trans.....Reading, Pa
L. D. Shearer, Supt. Tel.... "
S. W. Derr, Supt. Din. Cars.....Philadelphia, Pa
O. H. Hagerman, Mgr. Marine Dept..... "
W. Brown, Ship & Frt. Agt.....Port Reading, N.J
A. Mueller, Supt. Time Serv.....Philadelphia, Pa
J. T. Pratt, Supvr. Safety. Reading, Pa
C.P.Dampman, Supvr. Fuel Conservation. Philadelphia, Pa
J. T. Bougher, Car Acct.. "
G.K.Powell, Ch.of Police. "

PURCHASING.

¶ J. D. Landis, Pur. Agt..... } Philadel-
W. A. Clem, Asst. Pur. Agt.. } phia, Pa
R. J. Stackhouse, Gen. Str. Kpr .....Reading, Pa

ASSISTANT GENERAL STORE KEEPERS.

W. J. Clay.....Reading, Pa
W. H. Morris..... "

DIVISION STORE KEEPERS.

W. H. Cooper. ..... } 914 Melon St., Philadelphia, Pa
W. F. Meredith.....Tamaqua, Pa

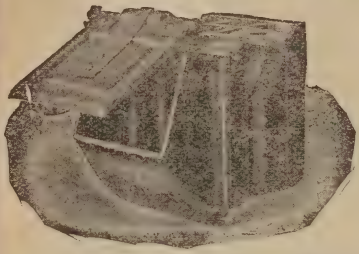
STORE KEEPERS.

J. E. Bast.....St. Clair, Pa
W. N. Endy.....Reading, Pa
H. T. Evans.....Shamokin, Pa
E. K. Fegley.....Cressona, Pa
G. J. Fried..... } 1119 Arch St., Philadelphia, Pa
D. C. Glenn, Jr.... } Port Richmond, Pa P.O. Philadelphia
G. B. Hummel..... } Rutherford, Pa P.O. Harrisburg
S. B. Lehr... } East Penn. Junction, Pa P.O. Allentown
F. N. Leibig..... } Rutherford, Pa P.O. Harrisburg
J. F. Lime.....Schuylkill Haven, Pa
E. G. Lodholz..... } Wayne Jct., Pa. P.O. Philadelphia
L. K. Loos.....Reading, Pa
W. M. Marsh.....Gordon, Pa
T. McCann, Erie Ave., Philadelphia, Pa
F. R. McCormick.....Reading, Pa
J. P. McGough.....Bridgeport, Pa
B. I. McNichol..... } Huntingdon St., Philadelphia, Pa
J. H. Miller.....Catawissa, Pa

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York - Chicago

UNION SPRING AND MANUFACTURING CO.

SPRINGS



KENSINGTON
JOURNAL BOXES
(ALL STEEL)
PRESSED STEEL
JOURNAL BOX LIDS
STEEL
CASTINGS

Works: NEW KENSINGTON, PA.
Pittsburgh Office: 300 Granite Building
New York Chicago Louisville, Ky.
Richmond, Va. Baltimore, Md. Philadalphia, Pa.

Improves Locomotive Capacity

SUPERIOR LOCOMOTIVE FLUE BLOWER maintains clean flues from washout to washout. Terminal cleaning is never necessary.

Constantly clean flues, flue sheet and combustion chamber mean improved fuel economy and increased hauling capacity.

AMERICAN RAILWAY APPLIANCES COMPANY
Incorporated
350 Madison Avenue New York City

ARA

808 READING COMPANY—Continued.

STORE KEEPERS—CONTINUED.

H. Mohr.....Wilmington, Del
J. C. Paxson.....St. Clair, Pa
H. E. Shelley..... { Newberry Jct., Pa / P. O. Williamsport
A. F. Smith..... { Port Richmond, Pa / P.O. Philadelphia
R. G. Stover.....Port Reading, N. J
C. D. Thompson....Mahanoy Plane, Pa
W. H. Haynes, Strs. Insp..... { Wayne Jct., Pa / P.O. Philadelphia
L. F. Beneke, Sta.....Philadelphia, Pa

MECHANICAL.

§ I. A. Seiders, Supt. M. P. & Rolling Equip..... { Reading, Pa.
C. A. Bingaman, Mech. Eng... "
D. W. Fisher, Asst. Mech. Eng. "
E. A. Borell, Eng. M. P..... "
W. G. Edmondson, Asst. Eng. M. P..... "
F. D. Hines, Mech. Asst..... "
J. B. Young, Eng. Tests..... "
G. C. Shugars, Gen. Loco. Insp. "

DIVISION MASTER MECHANICS.

D. H. Deeter.....Philadelphia, Pa
W. F. Heinbach.....Reading, Pa
H. S. Hunter.....Philadelphia, Pa
D. T. Williams (Asst).. "
M. E. Williams.....Tamaqua, Pa

ROAD FOREMEN OF ENGINES.

H. D. Eggleston.....Philadelphia, Pa
T. A. Foertsch..... "
J. E. Gallagher.....Tamaqua, Pa
C. A. Hamm (Asst.).....St. Clair, Pa
H. T. Kauffman (Asst.)..West Milton, Pa
G. Moll.....Reading, Pa
J. Scheifele..... "
P. J. Schuyler.....Harrisburg, Pa
G. L. Sealey, Elec. Eng.... { Reading, Pa.
C. E. Heiser, Asst. Elec. Eng. "
L. W. MacLean, Elec. Supvr.. "
J. W. Moorehouse, Elec. Supvr. "
R. W. Kaucher, Ch. Drafts..... "
J. W. Barr, Asst. Ch. Draft..... "
C. L. Wieand, Mech. Supvr.....Philadelphia, Pa
E. P. Gangewere, Mech. Supvr { Reading, Pa.
R. M. Rice, Motive Power Insp "
A. W. Deal, Sr., Air Brk. Instr.. "
G. P. Lerch, Asst. Air Brk. Instr. "
C. N. Kreider, Gen. Boiler Insp. "
F. H. Kissinger, Asst. Gen. Boiler Insp..... "
E. P. Wynn, Supvr. Rates & Shops..... "
R. R. Johnson, Asst. Supvr. of Rates..... "
R. B. Rasbridge, Supt. Car Dept. "
W. L. Rice, Supt. Reading Shops. "
H. S. Keppelman, Gen. Car Insp. "
E. M. Fackler, Asst. Gen. Car Insp..... "
H. Y. Catherman, Asst. Gen. Car Insp.....Philadelphia, Pa
J. C. Clark, Gen. For. Loco. Shop..... { Reading, Pa.
A. B. Clarke, Gen. For. Car Shop "
E. T. Hawk, Gen. For. Wilmington, Del

FOREMEN CAR SHOPS.

G. C. Bittle..... { Newberry Jct., Pa / P. O. Williamsport
H. A. Boyer.....Port Reading, N. J
W. E. Grove.....Philadelphia, Pa
F. Leidinger.....Tamaqua, Pa
W. E. Rankin.....Philadelphia, Pa
D. F. Runkle.....St. Clair, Pa
F. W. Steinberger. { Port Richmond, Pa / P. O. Philadelphia
J. H. Yoder.....Schuylkill Haven, Pa
G. W. Zimmerman. { Rutherford, Pa / P. O. Harrisburg

FOREMEN PAINTERS.

A. L. Merkee (Loco. Shops). Reading, Pa
S. H. Rauenzahn (Car Shops) "

ENGINEERING BRIDGES & ROADWAY

S. T. Wagner, Ch. Eng. Philadelphia, Pa
C. Dillenbeck, Asst. Ch. Eng. "
F. Jasperson, Asst. Ch. Eng. "
P. S. Baker, Eng. B. & B. "
J. C. Wrenshall, Jr., Eng. M. W.....Reading, Pa

RESIDENT ENGINEERS.

E. F. Dawson.....Philadelphia, Pa
E. F. Gorman.....Williamsport, Pa
P. Voorhees.....Reading, Pa

DIVISION ENGINEERS.

W. R. Dunn.....Tamaqua, Pa
J. S. Goodman.....Reading, Pa
M. S. Miller.....Harrisburg, Pa
N. H. Schafer.....Philadelphia, Pa
H. C. Smith..... "

SUPERVISORS.

F. B. Adams.....Reading, Pa
H. H. Barr..... "
P. R. Bickford..... { Olney, Pa. / P. O. Philadelphia
F. W. Biltz.....Pottsville, Pa
J. G. Brand.....Lebanon, Pa
W. H. Brown.....Pine Grove, Pa
W. A. Clark.....Trenton Jct., N. J
A. P. Crosley.....Philadelphia, Pa
E. Emert..... { E. Penn Jct. Pa. / P. O., Allentown,
R. E. Fitzgerald....Boiling Springs, Pa
J. W. Gohl.....Shamokin, Pa
P. G. Jefferis.....Mahanoy Plane, Pa
C. J. Lepperd.....Pottstown, Pa
L. A. Lewis.....West Milton, Pa
J. McCarthy.....Catawissa, Pa
O. H. Rhoads.....Coatesville, Pa
J. T. Sturman.....Philadelphia, Pa
W. G. Wieand.....Lansdale, Pa
W. H. Woltemate.....Philadelphia, Pa

ASSISTANT SUPERVISORS.

N. N. Bailey.....Reading, Pa
C. F. Forstall..... "
S. V. Keeler.....Lansdale, Pa
L. B. Lewis.....Tamaqua, Pa
S. R. Miller.....Trenton Jct., N. J
H. K. Modery.....Philadelphia, Pa
R. W. G. Morrison.....Harrisburg, Pa
J. W. Rementer.....Pottstown, Pa
J. F. Sherron, Jr.....Philadelphia, Pa
J. Wagner, Jr.....Pottsville, Pa
R. Wescott.....Philadelphia Pa

SIGNAL DEPARTMENT.

A. H. Yocum, Sig. Eng. Philadelphia, Pa

Railroad Appliances

Water Stations
Tanks Towers
Cranes
Pumps Oil Cranes
Coaling Stations

T. W. Snow Construction Company

332 So. La Salle St.
Chicago

William Hurst
402 Scott Block
Winnipeg, Man.

YOUNGSTOWN STEEL DOOR COMPANY

The Arcade - - - Cleveland
Railway Exchange - - Chicago
2 Rector Street - - New York

CORRUGATED STEEL DOORS

FOR

Box or Automobile Cars

Door Fixtures For All Designs

JAMES A. CAMPBELL, President.

808—READING COMPANY—Continued.

SUPERVISORS SIGNALS.

I. T. Kauffman.....Shamokin, Pa
S. H. Mast.....Birdsboro, Pa
T. G. Phillips.....Philadelphia, Pa
H. W. Rentschler.....Reading, Pa
W. L. Scott.....Harrisburg, Pa
R. J. Steele.....Philadelphia, Pa

B. V. Strickland, Ch. Sig. Insp.....Philadelphia, Pa

SIGNAL INSPECTORS.

E. B. Johnson.....Philadelphia, Pa
J. Moore..... "
B. R. Padmore..... "
A. M. Theiss..... "

809—RED RIVER & GULF R. R.

77 Mls, 5 Loco, Cars: 8 Frt, 3 Pass, 5 Misc

Los Angeles address, 915 Union St

C. T. Crowell, Pres....Los Angeles, Cal
I. A. Crowell, 1 V.-Pres. Alexandria, La
S. L. Wadley, 2 V.-Pres. Texarkana, Ark
J. B. Evans, 3 V.-Pres....Long Leaf, La
¶★R. D. Crowell, Sec., Treas. & Gen. Supt.....Lecompte, La
S. M. Harper, Aud..... "
A. B. Spencer, Traf. Mgr.... "
✪H. A. White, Gen. Mgr..... "
O. F. Reiszner, Ch. Eng..... "
J. J. Bridges, Rd. Mast...Long Leaf, La

810—

811—REYNOLDSVILLE & FALLS CREEK R. R. CO.

18 Mls, 2 Loco, Cars: 3 Misc

¶L. W. Robinson, Pres.....Indiana, Pa
L. W. Robinson, Jr., Asst. to Pres..... "
G. H. Clune, V.-Pres....Rochester, N. Y
B. M. Clark, Sec.....Indiana, Pa
J. F. Dinkey, Aud. & Treas. } Rochester,
E. D. Davis, G. F. A..... } N. Y.
★✠I. S. Smith, Gen. Mgr., Reynoldsville, Pa

812-813—

814—RICHMOND BELT RY.

5 Mls, Equipment owned—none.

E. S. Pillsbury, Pres.. } 216 Pine St.,
¶E. J. Wegscheider, Sec. } San Francisco Cal.

815—RICHMOND, FREDERICKSBURG & POTOMAC R. R. CO.

118 Mls, 105 Loco, Cars: 1,399 Frt, 92 Pass, 144 Misc

E. Hunton, Jr., Pres..... } Broad St.
E. R. Williams, Gen. Coun.. } Sta., Rich-
N. Call, V.-Pres. & Sec..... } mond, Va
W. P. Terry, Asst. Sec..... "
W. C. Carrick, Gen. Aud.... "
D. K. Kellogg, Treas..... "
D. Call, Asst. Treas..... "
J. E. Cox, Aud. Rev..... "
J. B. Mordecai, Traf. Mgr... "
W. D. Duke, Gen. Mgr..... "

R. M. Colvin, Supt. } Potomac Yd.
} P.O. Alexandria, Va
C. W. Culp, Supt. Trans.... } Richmond,
P. C. Omohundro, Supt. Tel. } Va.
T. B. McDowell, Car Acct.... "
¶R. J. Rouse, Pur. Agt..... "
S. Harris, Str. Kpr..... "
H. J. Warthen, Supt. M. P..... "

L. Budwell, Mech. Eng..Richmond, Va
R. E. McGahey, } Potomac Yd.
M. M..... } P. O. Alexandria, Va
W. T. Bryant, Rd. For. Eng. Richmond, Va

GENERAL FOREMEN.

H. I. Moist (Loco. Dept.).. } Richmond,
A. H. Moncure (Car Dept.) } Va.

T. S. Cheadle, Ch. Car Insp } Richmond,
C. P. Adams, For. Paint... } Va.
E. M. Hastings, Ch. Eng..... "
C. E. Dare, Eng. M. W...Alexandria, Va
J. L. Donahoe, Supvr. Fredericksburg, Va
W. K. Saunders, Supvr. Sig. Ashland, Va

816—RIO GRANDE RY.

25 Mls, 3 Loco (includ. 2 Motors), Cars: 5 Frt, 1 Pass

✪W. T. Eldridge, Pres..... } Sugar Land,
W. T. Eldridge, Jr., V.-Pres } Tex.
W. A. Ellington, Gen. Aud. "
J. Gregg, Aud.....Brownsville, Tex
H. G. Thompson, Traf. Mgr.....Sugar Land, Tex
¶★L. S. Bourne, Gen. Mgr.... } Browns-
L. E. Beadle, Ch. Eng..... } ville, Tex

817—RIO GRANDE & EAGLE PASS RY. CO.

24 Mls, 3 Loco, Cars: 126 Frt, 3 Pass, 5 Misc

Philadelphia address, 266 So. 16th St.

C. B. Wright, Pres.....Philadelphia, Pa
¶✪H. G. DaCamara, V.-Pres., } Laredo,
G. F. & P. A..... } Tex.
C. F. Lang, Treas..... "
J. D. Merriman, Sec., Aud. & Car Acct..... "
§W. F. Galbraith, M. M..... "
R. W. Davis, Ch. Eng..... "

818—RIO GRANDE CITY RY.

20 Mls, 1 Loco, Cars: 2 Misc

A. T. Cole, Sec. & Treas...Houston, Tex
F. Andrews, Gen. Atty.... "
M. Eckert, Aud..... "

For other officials see Mo. Pac. R. R., No. 629

819—RIO GRANDE EASTERN RY. CORP., THE

13 Mls, 1 Loco, Cars: 6 Frt, 1 Pass, 7 Misc

✪H. J. L. Stark, Pres.....Orange, Tex
J. A. Tennant, V.-Pres....Houston, Tex
G. A. Hill, Jr., Sec..... "
D. A. Pruter, Treas.....Orange, Tex
O. J. Olin, Asst. Sec. & } Albuquerque,
Aud..... } N. M.
¶★✠C. P. Stevens, Gen. Mgr. "

820—✠RIO GRANDE JUNCTION RY.

See D. & R. G. Western R. R., No. 279.

821—RIO GRANDE SOUTHERN R. R., THE

180 Mls, 3 G, 13 Loco, Cars: 9 Frt, 5 Pass, 31 Misc

T. H. Marshall, Pres..... } Denver,
F. Wild, V.-Pres..... } Col.
F. A. Peil, V.-Pres. (Traf.)..... "
R. F. Watkins, Sec. & Treas.... "
H. McAllister, Jr., Gen. Coun.. "
E. N. Clark, Gen. Atty..... "
E. R. Dickenson, Gen. Aud..... "
J. H. Miller, Frt. Clm. Agt..... "
F. A. Wadleigh, Pass. Traf. Mgr. "

THE BRADFORD CORPORATION

MANUFACTURERS OF

Bradford Draft Gear

Bradford Draft Arms

Huntoon Truck Bolsters

Huntoon Brake Beams

Joliet Truss Rod Brake Beams

Chambers Throttle Valve

THE BRADFORD CORPORATION

NEW YORK
25 W. 43rd Street

CHICAGO
Railway Exchange

WASHINGTON
Munsey Building

ST. LOUIS

SAN FRANCISCO
Rialto Building

ATLANTA

821—RIO GRANDE SOUTHERN—Continued.
¶ F. C. Krauser, Aud. & Pur. Agt. } Denver, Col
A. Darling, Clm. Agt..... } Col.
L. W. Bowen, Supt.....Alamosa, Col
J. B. Gorton, Car Acct.....Denver, Col
P. C. Moshisky, Gen. For..Ridgway, Col
C. A. Paul, Act. Rd. Mast..Durango, Col

821a—RIVER TERMINAL RY. CO., THE
13 Mls, 22 Loco, Cars: 106 Frt, 3 Misc
Cleveland address, 3100 E. 45th St.
E. G. Resch, Pres.....Cleveland, O
★✠C. F. Campbell, V.-Pres.. "
J. W. Topping, Sec. & Treas. "
E. H. Obrock, Aud..... "
R. D. Parker, Traf. Mgr... "
T. L. Terrant, Supt..... "
¶ G. P. Lenz, Pur. Agt..... "

822—ROANOKE RY. CO.
Abandoned January, 1926.

823—

824—ROARING FORK R. R. CO.
15 Mls, 2 Loco, Cars: 30 Frt, 1 Pass, 1 Misc
Philadelphia address, 1600 Walnut St.,
A. Pardee, Pres.....Philadelphia, Pa
H. W. Warden, Jr., V.-Pres..... "
¶ G. M. Thorn, Sec. & Gen. Mgr.....Blackwood, Va
M. A. Malmstrom, Aud..Philadelphia, Pa
T. B. Fryer, Treas..... "
W. A. Owens, Supt..... } Black-
S. E. Daniels, Supt. Mach.... } wood, Va
G. M. Stoker, Ch. Eng..... "

825—ROBBINS R. R.
12 Mls, 3 G, 4 Loco, Cars: 150 Frt, 1 Pass
¶✪J. D. Mylrea, Pres..... } Rhinelander,
F. A. Marshall, V.-Pres. } Wis.
R. J. Mueller, Sec. & Treas. "
C. C. Lord, Aud..... "
W. Mangerson, M. M..... "
G. L. Smith, Rd. Mast..... "

826—ROBERVAL-SAGUENAY RY.
37 Mls, 8 Loco, (including 3 Elec), Cars: 194 Frt, 6 Pass, 2 Misc
Montreal address, 164 St. James St.
F. L. Beique, Pres.....Montreal, Que
A. Bechard, Treas..... Chicoutimi, Que
H. R. Wake, Act. Mgr.....Arvida, Que
¶★J. A. Vallerand, Gen. Supt. & G. F. & P. A..Chicoutimi, Que
J. Brassard, Rd. Mast.. "

827 ROBY & NORTHERN R. R.
5 Mls, 2 Loco, 1 Motor, Cars: 1 Frt, 5 Misc
G. W. Fry, Pres.....Abilene, Tex
★✠P. Campbell, V.-Pres. & Ch. Oper. Off..... "
R. M. Wolfe, Sec. & Treas. "
H. Withers, G. F. & P. A.....Roby, Tex
P. P. Shepard, Supt.....Stamford, Tex
¶ E. A. Short, Pur. Agt.....Abilene, Tex

828—ROCKCASTLE RIVER RY. CO.
16 Mls, 4 Loco, Cars: 2 Frt, 1 Pass, 3 Misc
✪N. U. Bond, Pres..... .....Bond, Ky
R. E. Rader, Sec. & Treas..... "
R. W. Strong, G. F. & P. A..... "
¶ F. P. Dabolt Gen. Mgr..... "
G. T. Marcum, M. M..... "
H. H. Catching, Ch. Eng....London, Ky

828a—ROCKDALE, SANDOW & SOUTHERN R. R. CO.
7 Mls, 4 Loco, Cars: 2 Frt, 1 Pass
A. P. Rudowsky, Pres. } McAlester, Okla
} Rockdale, Tex
E. A. Camp, V.-Pres.....Rockdale, Tex
¶★J. M. Weed, Sec. & Gen. Mgr..... "
M. R. Reddell, Treas. & G. F. & P. A..... "
C. Oman, Asst. Sec. & Asst. Treas.....McAlester, Okla
V. C. Robbins, Ch. Eng. "

829—ROCKINGHAM R. R. CO.
34 Mls, 2 Loco, Cars: 3 Pass
H. C. Wall, Pres..... } Rocking-
J. Leg. Everett Sec. & Treas. } ham, N. C
¶★✠✪J. L. Hawley, Gen. Mgr.. "

830—ROCK ISLAND LINES.
ROAD NO.
206—Chicago, Rock Island & Gulf Ry.
207—Chicago, Rock Island & Pacific Ry.

831—ROCK ISLAND SOUTHERN RY. CO. 35 Mls, 5 Loco, Cars: 177 Frt, 21 Pass
E. C. Walsh, Pres.....Clinton, Ia
M. A. Walsh, 1 V.-Pres & Gen. Coun.....Burlington, Ia
✪G. W. Quackenbush, V.-Pres.....Rock Island, Ill
¶ C. H. Walsh, Treas. & Pur. Agt.....Burlington, Ia
T. D. Moberg, Aud.....Rock Island, Ill
H. J. Lawson, Ch. Tar. Bur..... "
J. W. Walsh, Gen. Mgr. } 309 Lane Bldg.,
} Davenport, Ia
G. L. Severs, M. M.....Rock Island, Ill
M. Gannon, Rd. Mast...

832—ROCK PORT, LANGDON & NORTHERN RY. CO.
6 Mls, 2 Loco, Cars: 1 Frt, 1 Pass
¶★5✠✪P. Hedgpeth, Pres. & Gen. Mgr.....Rockport, Mo
T. R. Warneke, V-Pres... "
H. P. Warneke, 2 V.-Pres. "
A. E. Helmer, Sec..... "
J. Hedgpeth, Treas ..... "
C. H. Geveden, Aud..... "

833—834—

835—ROSCOE, SNYDER & PACIFIC RY CO., THE 50 Mls, 3 Loco, Cars: 3 Pass
✪E. S. Hughes, Pres. & Gen. Mgr.....Abilene, Tex
H. O. Wooten, V.-Pres. & Traf. Mgr..... "
A. N. Prince, Sec..... "
H. James, Treas.....Roscoe, Tex
F. R. Smith, Gen. Atty.....Snyder, Tex
A. H. Haney, Aud.....Roscoe, Tex
E. J. Worthy, G. F. & P. A.. "
¶★✠✪R. O. Dobbins, Asst. Gen. Mgr..... "
W. B. Johnson, Gen. Supt.. "

—† ROSSLYN CONNECTING R. R.
See Penna. R. R., No. 751.

MADISON-KIPP LOCOMOTIVE LUBRICATOR

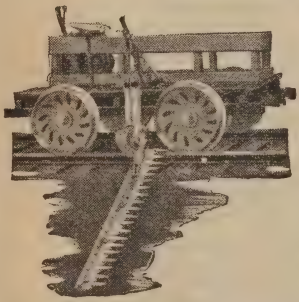
THE MADISON-KIPP LUBRICATOR is force feed and operates automatically with the operation of the locomotive.

Built on the Kipp Valveless principle with no valves in the pumping mechanism.

MADISON-KIPP CORPORATION
Madison, Wisconsin

Chicago Office—306 South Wabash Avenue
San Francisco Office—823 Sheldon Building

RAWLS TRACKMOWER



An attachment for motor hand or push cars. Only section men to operate.

In service on Steam and Electric Railroads in the United States and other countries.

Write for list of satisfied customers. We specialize in high grade Track-Mowing equipment only.

RAWLS MACHINE & MFG. COMPANY
1412 North Halsted Street **Chicago, Ill., U. S. A.**

835a—ROWLESBURG & SOUTHERN R. R. CO. 7 Mls, 1 Loco, Cars: 27 Mis

¶★✠W. H. Mason, Pres., Gen. Mgr.& Pur. Agt...Elkins, W. Va
H. B. Cottrill, V.-Pres..Gormania, W.Va
N. I. Hall, Sec.....Elkins, W. Va
L. W. Coberly, Treas..... "

836—RURAL VALLEY R. R.
Absorbed by B., R. & P. R. R., No. 123.

837—RUTLAND R. R. CO.
413 Mls, 88 Loco, Cars: 2,327 Frt, 125 Pass, 121 Misc
New York address, 466 Lexington Ave.
P. E. Crowley, Pres.....New York, N. Y
✪G. T. Jarvis, V.-Pres.....Rutland, Vt
E. F. Stephenson, Sec..... } New York, N.Y.
E. L. Rossiter, Treas..... }
W. C. Wishart, Compt..... "
H. P. Gardner, Aud. & Frt. Clm. Agt .....Rutland, Vt
E. W. Lawrence, Gen. Atty. "
W. D. McVey, G. F. & P. A.. "
A.C.Thompson, Asst.G.P.A. "
G. Cassidy, Asst. G. F. A.... "
B. Bigelow, Asst. G. F. A.... "
G. L. R. French, Gen. Mgr.. "
S. R. Kramer, Supt.... ..... "
J. F. Carrigan, Supt.....Malone, N. Y
J. M. Spafford, Car Acct....Rutland, Vt
W. O. Cutler, Supt. Tel..... "
¶R. C. Arnoll, Pur. Agt..... "
H. Montgomery, Supt. M. P. & R. S..... "
C.E.LaMontagne, For. Loco. & Car Rep.....Malone, N.Y
G. W. Kenney, For. Car... Rep .....Rutland, Vt
W. J. Barrett, For. Paint... "
L. G. Morphy, Ch. Eng..... "
F. R. Stevens, Princ. Asst. Eng..... "
F. R. Bourquin, Supvr. B. & B..... "

SUPERVISORS OF TRACK.

F. Chapman.....Rutland, Vt
M. Downs (Asst.).....Malone, N. Y
R. W. Johnson.....Rutland, Vt
M. Safford (Asst.).....Burlington, Vt
W. Unwin.....Bennington, Vt
L. L. Wiggins.....Malone, N. Y

838—ST. FRANCOIS COUNTY R. R. CO. (Electric). 10 Mls, Cars: 1 Frt, 3 Pass
M. P. Cayce, Pres..... } Farmington,
¶✪C. H. Glessing, V.-Pres. } Mo.
& Gen. Mgr..... "
G. B. Snider, Sec..... "
F. W. Schramm, Treas.... "
W. E. Hogeemiller, Aud.. "
F.P.Sackbauer.G.F.& P.A..St. Louis, Mo

839—ST. JOHN & OPHIR R. R.
9 Mls, 2 Loco, Car: 1 Misc
New York address, 111 Broadway.
C. W. Clark, Pres.....New York, N. Y
¶★✠✪H. M. Hartmann, V.-Pres., Treas. & Gen. Mgr..Ophir, Utah
J. H. Anderson, Sec....New York, N. Y
S. D. Cook, Aud.....Ophir, Utah

840—ST. JOHNSBURY & LAKE CHAMPLAIN R. R. CO.
96 Mls, Equipment leased.
C. H. Stearns, Pres .....Johnson, Vt
✪E. S. French, V.-Pres.....Rochester, Vt
H. Blodgett, Sec.....St. Johnsbury, Vt
R. L. Patrick, Treas.....Burlington, Vt
H. C. Stoughton, Asst. Treas. & G. F. & P.A....Montpelier, Vt
J. E. Willis, Aud..... "
M.J.Richardson, Car Acct. "
¶✠J. A. Cannon, Supt..St. Johnsbury, Vt
J. Wahlen, Supt. M. P...Springfield, Vt

841—ST. JOHNS RIVER TERMINAL CO
Mileage and Equipment included in So. Ry. Sys., No. 927.
J. W. Whittaker, Supt. Jacksonville, Fla
For other officials see So. Ry. Sys., No. 927

842—ST. JOSEPH & GRAND ISLAND RY. CO., THE
259 Mls, 15 Loco, Cars: 515 Frt, 27 Pass, 99 Misc
G.G.Lacy, V.-Pres.....St. Joseph, Mo
R. A. Brown, Gen. Atty. "
L. R. Wood, Aud..... "
S. E. Stohr, G. F. & P. A.. "
H. Weindel, Div. Str. Kpr. "
For other officials see U.P.R.R., No. 1001a.

842a—ST. JOSEPH BELT RY. CO.
24 Mls, 7 Loco, Cars: 1 Frt
J. O. Barkley, Pres. & Gen. Mgr .....So. St. Joseph, Mo
A. R. Fay, V.-Pres.....Chicago, Ill
I. A. Vant, Sec. & Treas... } So. St.
M. J. O'Malley, Asst. Treas. } Joseph, Mo
& Aud..... "
E. M. Carroll, Traf. Mgr.... "
L. R. Sack, Supt.... ..... "
W. J. O'Neill, Car Acct..... "
¶J. E. Johnson, Pur. Agt..... "
W. H. Lawrenson, M. M..... "
S. F. Kosters, Ch. Eng..... "
J. E. Burrell, Rd. Mast..... "

843—ST. JOSEPH TERMINAL R.R. CO.
11 Mls, 2 Loco, Cars owned—none.
E. A. Perrine, Supt.... } 803 So. 4th St.,
} St. Joseph, Mo

844—ST. LOUIS & BELLEVILLE ELECTRIC RY. CO.
14 Mls, 2 Loco, Cars: 530 Frt
For officials see E. St. L. & S. Ry., No. 306a

845—ST. LOUIS & HANNIBAL R.R. CO.
104 Mls, 32 Loco, Cars: 1,588 Frt, 15 Pass, 5 Misc
New York address, 636 Fifth Ave.
J. Ringling, Pres.....New York, N. Y
G. F. Meighan, V.-Pres. } 221 Instute Pl., Chicago, Ill
R. Fuchs, Sec. & Treas..New York, N.Y
J. M. Worland, Loc. Treas..Hannibal, Mo
G. A. Mahan, Gen. Coun.. "
J. D. Hostetter, Gen. Atty.....Bowling Green, Mo
A. P. Wilkinson, Aud.....Hannibal, Mo
P. T. Jones, G. F. & P. A.... "
J. Rankin, G. F. A.....St. Louis, Mo

SAFETY ELECTRIC LIGHT The Safety C. H. & L. Co.
USED ON 71 LEADING RAILROADS. 2 Rector Street, New York.

¶ PASSENGER AND FREIGHT CARS OF EVERY DESCRIPTION.

¶ THOROUGHLY EQUIPPED REPAIR SHOPS.

¶ MODERN GRAY IRON WHEEL FOUNDRY.

¶ Plants: Pullman and Michigan City, Ind.

845—ST. LOUIS & HANNIBAL—Continued

¶✠W.C.Ramsey,Gen.Mgr..Hannibal,Mo
W. G. Ault. Supt.....Bowling Green,Mo
W.G.White,Gen. Live Stk. Agt.....Hannibal,Mo
Dr. J. C. Chilton, Ch. Surg. "
W. H. Sloat, M. M..... "

846—ST. LOUIS & O'FALLON RY. CO.
21 Mls, 4 Loco, Cars: 578 Frt, 7 Pass
For officials see Mfrs.' Ry. Co., No. 574.

846a—ST. LOUIS & OHIO RIVER R.R.
14 Mls, Loco, none, Cars: 160 Frt

C. B. Fox, Pres.....E. St. Louis, Ill
G. R. Gibbons, V.-Pres. Pittsburgh, Pa
R. E. Withers, Treas.... "
P. J. Urquhart, Aud..... "
E. Woodward, Traf.Mgr..St. Louis, Mo
T. H. Pindell, Gen. Mgr..E. St. Louis, Ill
¶J. S. Murray, Pur. Agt...Pittsburgh, Pa
J. W. Coulter, M. M.....E. St. Louis, Ill
W.H.Bouscher,Rd.Mast. "

847—ST. LOUIS-SAN FRANCISCO RY.
4,902 Mls, 964 Loco. Cars: 36,855 Frt, 753 Pass, 1,152 Misc
New York address, 120 Broadway.

E.N.Brown,Ch.of Board,New York, N.Y
J. M. Kurn, Pres.....St. Louis, Mo
F. H. Hamilton, V.-Pres., Sec. & Treas..... "
J.R.Koontz,V.-Pres.(Traf.) "
J. E. Hutchison, V.-Pres. (Oper.)..... "
¶B. T. Wood, V.-Pres. & Ch. Pur. Officer..... "
C. W. Michel, V.-Pres..New York, N. Y
L. O. Williams, Asst. Sec. & Asst. Treas.....St.Louis, Mo
W. A. McAuliffe, Asst. Treas.....New York, N. Y
E. T. Miller, Gen. Solr.....St. Louis, Mo
E. G. Nahler, Gen. Atty.... "
A. P. Stewart, Gen. Atty... "
H.W.Hudgens, Ch.Clm.Agt "

ACCOUNTING.

E. H. Bunnell, Compt.....St.Louis,Mo
G. B. Perkins, Aud..... "
E. R. Belt, Asst. Aud..... "
C. B. Rex, Asst. Aud..... "
W.E.Bernthal,Aud.Frt.Acct. "
J.C.Starkey,Aud.Pass.Accts. "
R. V. Hart, Gen. Acct ..... "
H.W.Johnson, Car Acct.Springfield,Mo
P. F. Spangler, Supvr. Car Repair Bills..... "
R. H. Kerr, Stat. (Oper.) "

TRAFFIC.

J. R. Koontz, V.-Pres.....St. Louis, Mo
H.F.Sanborn,Asst.toV.-Pres "
S. S. Butler. Frt.Traf.Mgr. "

ASSISTANT FREIGHT TRAFFIC MANAGERS.

C. H. Morrill.....St. Louis, Mo
R. N. Nash..... "
B. H. Stanage..... "
F. C. Freiburg, G. F. A.....St.Louis,Mo

ASSISTANT GENERAL FREIGHT AGENTS.

H. C. Conley.....Oklahoma City, Okla
L. P. Nash.....St.Louis,Mo
H. P. Norden..... "

ASST. GEN. FREIGHT AGENTS—CONT'D.

A. T. Patek.....St. Louis, Mo
C. A. Redden..... "
J. M. Strupper..... "
B. E. Thomas..... "

J. N. Cornatzar, Pass.Traf. Mgr.....St. Louis, Mo
J.W. Nourse, G. P. A..... "
J. C. Lovrien, Asst. G. P. A. "
H. E. Morris, Asst. G. F. & P. A.....Wichita, Kan
E. F. Tillman, Gen. Live Stock Agt.....Springfield, Mo
G.W.Green, Ind. Comr....St. Louis, Mo
W. L. English, Supvr. Agric. & Refrig.....Springfield, Mo

OPERATING.

J. E. Hutchison, V.-Pres...St. Louis, Mo
S.T.Cantrell,Asst.toV.-Pres. "
F. H. Shaffer, Gen. Mgr.Springfield,Mo

ASSISTANTS TO GENERAL MANAGER.

M. M. Sisson.....Springfield, Mo
C. J. Stephenson..... "

SUPERINTENDENTS.

W. H. Bevans.....Ft. Scott, Kan
R. B. Butler,.....Memphis, Tenn
T. B. Coppage.....Springfield, Mo
S. J. Frazier.....Enid, Okla
S. R. Kennedy.....Ft. Smith, Ark
E. L. Magers.....Springfield, Mo
C. T. Mason.....Sapulpa, Okla
J. A. Moran.....Chaffee, Mo

ASSISTANT SUPERINTENDENTS.

L. C. Beazley.....Hugo, Okla
F. E. Brannaman, Oklahoma City, Okla
R. C. Canady.....Enid, Okla
E. E. Carter.....Neodesha, Kan
J. W. Claiborne.....Chaffee, Mo
L. B. Clary.....Ft. Scott, Kan
H. E. Gabriel.....Amory, Miss
F. C. Gow.....Enid, Okla
H. W. Hale.....Francis, Okla
E. L. Hill.....Sapulpa, Okla
J. A. Hutchison...Oklahoma City, Okla
G. H. Jury.....Springfield, Mo
S. Kelton.....Ft. Smith, Ark
J. S. McMillian.....Chaffee, Mo
C. L. Payne.....Ft. Scott, Kan
C. K. Simms.....Chaffee, Mo
E. A. Teed.....Birmingham, Ala
H. R. Wade.....Thayer, Mo
O. N. Watts.....Newburg, Mo
H. B. Wilson.....Joplin, Mo

SUPERINTENDENTS OF TERMINALS.

O. W. Bruton.....Springfield, Mo
P. W. Conley.....St. Louis, Mo
J. M. Flanigan.....Kansas City, Mo
E. E. McGuire.....Tulsa, Okla
J. J. O'Neill.....Memphis, Tenn
O. L. Young.....Birmingham, Ala

J.L.McCormack, Supt.Frt. Loss & Damage Clms..Springfield, Mo
R.H.Burnie, Asst.Supt.Frt. Loss & Damage Clms.... "
J. H. Doggrell, Supt.Trans. "
J. H. Brennan, Supt.Tel... "

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York • Chicago

A REMINGTON For Every Purpose

THE REMINGTON, and only the Remington, meets every office problem with a machine for every purpose. The Complete Remington Line includes the Standard Remington, the Tabulating Remington, the No. 50 Type-Shifting Remington, the Remington-Noiseless, the Remington Portable, the Remington Special Biller, the Remington Vertical Adder, and the Complete Remington Bookkeeping Machine.

Whatever your requirements may be, whether they include the Complete Remington Line or only certain of its units, we are in exceptional position to solve your problems. We offer you Remington service with all the attendant advantages of standardization under one famous name.

REMINGTON TYPEWRITER COMPANY
374 Broadway *Branches Everywhere* New York

THE MODERN
Washroom Fixture
for RAILROAD SHOPS and TERMINALS

54" size for 10 persons
32" size for 6 persons

SANITARY - ECONOMICAL

Above Illustration shows Southern Pacific installation.

Other installations include many Representative Roads throughout the country. Write for catalogue.

BRADLEY WASHFOUNTAIN CO. MILWAUKEE, WIS.

847—ST. LOUIS-SAN FRANCISCO—Continued.

PURCHASING.

¶B. T. Wood, V.-Pres. & Ch. Pur. Officer.....St. Louis, Mo
A. N. Laret, Asst. to V.-Pres. & Ch. Pur. Officer. "
A. Blume, Gen. Str. Kpr..Springfield, Mo
J. C. Kerr, Trav. Str. Kpr.. "
C. E. Wright, Trav. Str. Kpr. "

DIVISION STORE KEEPERS.

J. A. Blankenship.....Memphis, Tenn
F. G. Collar.....St. Louis, Mo
A. C. De Fries.....Kansas City, Mo
S. R. Gardner.....Sapulpa, Okla
K. P. Guin.....Sherman, Tex
P. V. Hampton.....Springfield, Mo
R. P. Manley.....Ft. Smith, Ark
T. F. Phillips.....Monett, Mo
C. Staussing.....Chaffee, Mo
J. M. Walker.....Enid, Okla
C. E. Wheatley.....Springfield, Mo

R. Collett, Fuel Agt.....St. Louis, Mo
R. E. Drake, Ch. Tie & Tim. Insp..... "

MECHANICAL.

H. L. Worman, Supt. M. P.... } Springfield, Mo
G. W. Moore, Asst. Supt. M. P. }
P. O. Wood, Asst. Supt. M. P.. "
J. K. Gibson, Asst. to Supt. M. P. "
F. G. Lister, Ch. Mech. Eng.... "
R. F. Peters, Mech. Eng..... "
J. L. Ryan, Eng. Tests..... "

MASTER MECHANICS.

W. B. Berry.....Kansas City, Mo
W. J. Foley.....Enid, Okla
B. G. Gamble.....Memphis, Tenn
W. G. Hall (Asst.).....Monett, Mo
J. L. Harvey.....Springfield, Mo
J. D. Heyburn.....Ft. Smith, Ark
E. E. Nixon.....Chaffee, Mo
R. B. Spencer.....Sapulpa, Okla
J. W. Surles.....Sherman, Tex

ROAD FOREMEN OF EQUIPMENT.

M. J. Barrett.....Chaffee, Mo
F. E. Bates.....Enid, Okla
W. E. Belter.....St. Louis, Mo
E. A. Cale.....Springfield, Mo
G. E. Dillard..... "
F. Ellis.....Neodesha, Kan
G. A. Ermatinger.....Kansas City, Mo
R. H. Francis.....Oklahoma City, Okla
R. Hanna.....Sherman, Tex
C. O. Hegberg.....Springfield, Mo
J. F. Hill.....Ft. Smith, Ark
T. P. Holland.....Ft. Scott, Kan
H. L. Malette.....Springfield, Mo
S. G. Manlove.....Sapulpa, Okla
E. McElveney.....Birmingham, Ala
J. S. Meidroth.....Chaffee, Mo
J. T. Odell.....Ft. Worth, Tex
F. Reed.....Ft. Smith, Ark

F. G. Baker, Elec. Eng..Springfield, Mo
L. E. Elliott, Water Eng. "

SUPERINTENDENTS OF SHOPS.

F. A. Beyer.....Springfield, Mo
L. J. Leysant..... "
H. J. Ray..... "

GENERAL FOREMEN.

W. F. Brandt.....Springfield, Mo
A. W. Brinkman..Cape Girardeau, Mo
W. J. Ficke..... { Lindenwood, St. Louis, Mo
F. G. Fischer..... { Chouteau Ave., St. Louis, Mo
L. C. Fuller.....Sherman, Tex
C. H. Garrison.....Monett, Mo
W. H. Gimson.....Memphis, Tenn
H. E. Hubbard.....Chaffee, Mo
G. C. Hughes.....Newburg, Mo
W. H. Keller.....Jonesboro, Ark
C. R. Kew.....Kansas City, Mo
P. J. Moore.....Ft. Scott, Kan
W. B. Murney.....Springfield, Mo
C. W. Nummy....Oklahoma City, Okla
O. H. Parker.....West Tulsa, Okla
W. Phillips.....Enid, Okla
B. W. Swain.....Sapulpa, Okla
E. F. Tuck.....Ft. Worth, Tex
L. W. Westerhouse...Birmingham, Ala

GENERAL FOREMEN CAR DEPARTMENT.

W. T. Clark.....Memphis, Tenn
W. W. Claypool.....Ft. Smith, Ark
J. Crews.....Sapulpa, Okla
F. M. Darden.....Springfield, Mo
J. F. Ferguson.....Enid, Okla
J. T. Fite.....Springfield, Mo
B. Fowler.....Chaffee, Mo
W. J. Gillespie.....St. Louis, Mo
J. B. Gilliam.....Kansas City, Mo
R. G. Kaufman.....Monett, Mo
M. J. McCaffrey.....Springfield, Mo
W. A. Morgan.....Sherman, Tex
J. E. Roberts (Pass.)....Springfield, Mo

J. R. Scott, Gen. Air Brk. Inst. } Springfield, Mo
J. C. Brekenfeld, Shop Supvr. }
R. Sloan, Gen. Car Insp..... "
L. A. Toupin, Motor Car Insp. "
D. L. Forsythe, Gen. Rd. For. Equip..... "
R. A. Watson, Supvr. of Tools. "
J. Forster, Mech. Insp..... "
J. C. Conley, Trav. Mech. Insp. "
E. E. Bell, Ch. Matl. Insp..... "
M. A. Herzog, Chem..... "
G. E. Burkholtz, Gen. Trav. Boil. Insp..... "
C. H. Dingman, Trav. Loco. Insp.....Kansas City, Mo
G. Sprague, Trav. Loco. Insp. } Springfield, Mo
J. P. Malley, Gen. Boil. Insp. }

ROUNDHOUSE FOREMEN.

A. S. Abbott.....Salem, Mo
W. Balke.....Clinton, Mo
H. E. Bassett.....Pittsburg, Kan
C. A. Berry.....Thayer, Mo
N. G. Boyles.....Hope, Ark
L. J. Brady.....Jonesboro, Ark
M. L. Crawford.....Ft. Smith, Ark
E. F. Critchell.....Fayetteville, Ark
H. R. Foley.....Afton, Okla
F. J. Garner.....Amory, Miss
G. S. Garrison.....Hugo, Okla
F. Gibbons..... { Lindenwood, Mo P. O. St. Louis.
W. Hutton.....Beaumont Jct., Kan
I. L. Johnson.....Sapulpa, Okla
S. E. McCoy.....Willow Springs, Mo

SAFETY ELECTRIC LIGHT The Safety C. H. & L. Co.
USED ON 71 LEADING RAILROADS 2 Boston Street, New York

WE SPECIALIZE IN

Car and Locomotive Axles

Crank Pins and Piston Rods

Journal Wedges and Center Plates

STANDARD FORGINGS CO.

General Offices:
Railway Exchange Bldg.
Chicago

Works:
Indiana Harbor,
Indiana

HF

HUBBARD

Miscellaneous Railroad Car
and
Locomotive Castings

HUBBARD STEEL FOUNDRY CO.

CHICAGO, ILL. - - EAST CHICAGO, IND.

847—ST. LOUIS-SAN FRANCISCO—Continued.

ROUNDHOUSE FOREMEN—CONT'D.

W. M. Medlock.....Kansas City, Mo
B. G. Morgan.....Wichita, Kan
J. T. Raines.....Lawton, Okla
G. L. Seanor.....Joplin, Mo
L. K. Spafford.....Neodesha, Kan
A. R. Warren.....Bessie, Okla
A. A. Wegman.....Bacone, Okla

C. W. Carter, Mast. Paint. Springfield, Mo
E. S. Wilkins, For. Paint... "

ENGINEERING, BRIDGES & ROADWAY

F. G. Jonah, Ch. Eng.....St. Louis, Mo
H. B. Barry, Prin. Asst. Eng. "
C. B. Spencer, Valua. Eng. "
R. E. Miller, Brdg. Eng.... "
R. C. Stephens, Arch..... "
R. P. Cummins, Office Eng. "
J. G. Taylor, Spec. Eng. Springfield, Mo

DIVISION ENGINEERS.

J. H. Brooking.....Memphis, Tenn
H. F. Busch.....Sapulpa, Okla
E. L. Collette.....Ft. Smith, Ark
A. L. Fisher.....Enid, Okla
D. E. Gelwix.....Chaffee, Mo
G. W. Koontz.....Ft. Worth, Tex
J. A. Reed, Jr.....Ft. Scott, Kan
J. M. Sills.....Springfield, Mo

ASSISTANT ENGINEERS.

E. L. Anderson .....Springfield, Mo
J. O. Armstrong.....Ft. Scott, Kan
Q. Baker.....Sapulpa, Okla
T. E. Bliss.....Ft. Worth, Tex
E. T. Bond.....Enid, Okla
E. L. Brand.....Chaffee, Mo
B. Hennessy.....St. Louis, Mo
C. P. Hoff..... "
R. B. McKee..... "
F. A. Pollak..... "
C. M. Scott.....Memphis, Tenn
P. Topping.....Ft. Smith, Ark

DIVISION ROAD MASTERS.

T. Blaine.....Willow Springs, Mo
M. T. Burr.....Lawton, Okla
C. Byrd.....Enid, Okla
J. C. Chastain .....Hugo, Okla
H. W. Cooper.....Pittsburg, Kan
J. Daugherty.....Lebanon, Mo
F. A. Denton.....Cuba, Mo
W. I. Elliott.....Ft. Scott, Kan
J. W. Ellis.....Chaffee, Mo
N. M. Gamble.....Kansas City, Mo
T. Hall.....Ft. Scott, Kan
P. Herd.....Carl Jct., Mo
F. Hinkle.....Enid, Okla
R. Holland.....Neodesha, Kan
T. F. Jones.....Enid, Okla
N. H. Kruse.....Springfield, Mo
A. Lewis.....Okmulgee, Okla
L. A. Lowery.....Chaffee, Mo
T. Madison.....Ft. Smith, Ark
S. B. Peter.....Pittsburg, Kan
L. Ramey.....Chaffee, Mo
F. W. Rieck..... "
J. A. Rollen.....Sapulpa, Okla
A. Scherrey.....Fayetteville, Ark
W. A. Shubert.....Oklahoma City, Okla
J. L. Simpson .....Memphis, Tenn
W. A. Sizemore.....Hugo, Okla

DIVISION ROAD MASTERS—CONT'D.

J. A. Smith.....Amory, Miss
V. Smith..... "
A. Terry.....Chaffee, Mo
W. T. Tooley.....Willow Springs, Mo
W. T. Trisler.....Sapulpa, Okla
J. B. Tyler.....Birmingham, Ala
A. Vermillion.....Wichita, Kan
T. J. Warren.....Fayetteville, Ark
J. H. Weed.....Springfield, Mo
T. J. White .....Ada, Okla

GENERAL FOREMEN OF BRIDGES AND BUILDINGS AND WATER SERVICE.

W. H. Brooke.....Chaffee, Mo
W. L. Eaves.....Memphis, Tenn
M. D. Gibbs.....Sapulpa, Okla
C. D. Howard.....Ft. Worth, Tex
H. V. Kengle.....Enid, Okla
C. L. Mahan.....Ft. Smith, Ark
S. E. Melton.....Ft. Scott, Kan
C. E. Teeters.....Springfield, Mo

FOREMEN WATER SERVICE.

E. Carter.....Ft. Smith, Ark
J. Lenox.....Enid, Okla
W. H. Pryor.....Chaffee, Mo
G. W. Revis.....Memphis, Tenn
F. Richardson.....Sapulpa, Okla
J. S. Wood.....Springfield, Mo

SIGNAL DEPARTMENT.

I. A. Uhr, Signal Eng....Springfield, Mo
H. Barron, Sig. Insp..... "
C. Smith, Sig. Insp..... "
L. E. Owen, Off. Eng..... "

SIGNAL SUPERVISORS.

W. C. Claman.....Sullivan, Mo
G. J. Drummond.....Springfield, Mo
C. A. Hamm..... "
F. C. Harper.....Paola, Kan
C. P. Hemphill.....Jasper, Ala
G. C. Ross.....Springfield Mo
V. G. Sisk.....Vinita, Okla

848—849—

—†ST. LOUIS, BROWNSVILLE & MEXICO RY.

See G. C. Lines, No. 394a.

850—ST. LOUIS, EL RENO & WEST. RY. CO. 42 Mls, 2 Loco, Cars: 3 Frt, 3 Pass

¶★✠M. E. Gaskill, Pres....El Reno, Okla
M. E. Libby, Gen. Atty.. "
C. F. Williams, G. F. A... "

851—ST. LOUIS, KENNETT & SOUTHEASTERN R. R. CO.

27 Mls, 3 Loco, Cars: 15 Frt, 2 Pass

W. D. Lasswell, Pres. & Gen. Mgr.....Kennett, Mo.
¶J. N. Goldsmith, Asst. to Pres., Gen. Aud. & G. F. & P. A.... "
R. R. Pankey, Sec. & Treas.... "
B. C. Wallis, Frt. Traf. Mgr.... "
✠Q. Sturgis, M. M..... "

852—ST. LOUIS MERCHANTS' BRIDGE TERMINAL RY. CO.

See Terminal R. R. Association of St. Louis, No. 961.

853 to 858

—† ST. LOUIS-SAN FRANCISCO RY. CO. *See Road No. 847.*

STANDARD COUPLERS
STANDARD STEEL PLATFORMS
SESSIONS-STANDARD FRICTION DRAFT GEAR
Made by Standard Coupler Co. 110 East 42d St., N.Y.

1 ROBERTSON PROTECTED METAL

A permanent roofing and siding material for railroad building requirements. It is not affected by steam or smoke or any other corrosive influence, and does not require painting or costly and frequent replacements.

2 ROBERTSON VENTILATORS

Rigidly constructed roof ventilator units of the stationary type and powerful exhaust capacity. They are storm-proof, operate efficiency on any pitch of roof, and do not require adjustment.

3 ROBERTSON SKYLIGHTS

Made to meet the most exacting requirements of modern daylighting in practically all types of railroad buildings. Exclusive design features minimize glass breakage, leakage, and weakening through corrosion.

Write for detailed information.

H. H. ROBERTSON CO.

PITTSBURGH, PA.

ROBERTSON

859—ST. LOUIS, SAN FRANCISCO & TEXAS RY. CO 138 Mls

Equipment included in Ft. W. & R. G. Ry., No. 350

For officials see Ft. W. & R. G. Ry., No. 350.

860—ST. LOUIS SOUTHWESTERN RY. CO.

Mileage: St. L. S. W. Ry. 970 Mls. St. L. S. W. Ry. of Tex. 807 Mls. Total 1777 mls. 290 Loco, Cars: 11,377 Frt, 211 Pass, 1,120 Misc

New York address, 501 Fifth Ave

EXECUTIVE, FINANCIAL AND LEGAL.

E. Gould, Ch. of Bd.....New York, N.Y

✪D. Upthegrove, Pres.....St. Louis, Mo

¶E. O. Griffin, Asst. to Pres. "

F. W. Green, V-Pres..... "

D. H. Morris, V.-Pres....New York, N. Y

N. B. Burr, V.-Pres..... "

F. M. Gould, V.-Pres.... "

P. J. Longua, Sec..... "

C. Messick, Treas. & Asst. Sec. } St. Louis

A. J. Trussell, Asst. to Treas. } Mo.

J. R. Turney, Gen. Solr..... "

A. H. Kiskaddon, Asst. Gen. Solr..... "

B. F. Batts, Land Atty..... "

P. T Cole, Agri. Comr.....Tyler, Tex

W. A. Conaway, Tax Agt. St. Louis, Mo

J. W. Wise, Frt. Clm. Agt. "

S.G.Seabrook, Clm. Agt. Pine Bluff, Ark

ACCOUNTING.

F. H. Millard, Asst. to Pres. St. Louis, Mo

J. H. Pahlmann, Gen. Aud. "

W.E.Harrington, Aud. Disb. "

S. W. Greaves, Aud. Frt. & Pass. Accts..... "

TRAFFIC.

J. D. Watson, Gen. Traf. Mgr } St. Louis,

G. S. Trowbridge, Asst. to } Mo.

Gen. Traf. Mgr..... "

H. D. Landry, G. F. A..... "

ASSISTANT GENERAL FREIGHT AGENTS.

R. P. Harrington.....Little Rock, Ark

T. L. Hirshman.....St. Louis, Mo

A. J. Lehmann..... "

R. H. Laing, G. P. A.....St. Louis, Mo

C. M. Cootes, Asst. G. P. A. "

W.C.Peeler, Asst.G.P.A. Memphis, Tenn

F. H. Jones, G. B. A...Texarkana, Tex

L. C. Barry, Mail Traf. Agt..St. Louis, Mo

C.C.Rockenback, Ind. Comr. "

OPERATING.

F. W. Green, V.-Pres.....St. Louis, Mo

G. B. Matthews, Asst. to V.-Pres..... "

W. E. McGraw, Gen. Supt...Tyler, Tex

C. B. Petticrew, Supt...Pine Bluff, Ark

ASSISTANT SUPERINTENDENTS.

H. A. Dickey.....Illmo, Mo

L. E. Hoffman.....Pine Bluff, Ark

T. M. Hutson..... "

A. Townsend..... "

W. Mosby, Supt. Trans.....Tyler, Tex

M.J.McNamara, Trans. Asst. St. Louis, Mo

W. J. Allen, Supt. Tel.....Tyler, Tex

H. S. Phillips, Supt. Personnel & Safety..... "

C. H. Jennings, Supt. Din. Car Serv.....Texarkana, Tex

Dr.A.E.Chace, Ch. Surg. "

PURCHASING.

¶E. O. Griffin, Asst. to Pres. St. Louis, Mo

H. G. Devine, Asst. Pur. Off. "

F. C. Warren, Gen. Str. Kpr.....Pine Bluff, Ark

A. L. Eckels, Trav. Str. Kpr. St. Louis, Mo

J. N. Bietry, Trav. Str. Kpr. "

W. F. Krone, Sta..... "

J. C. Harkness, Tie & Timb. Agt.....Texarkana, Tex

J. W. Rafferty, Fuel Insp..St. Louis, Mo

MECHANICAL.

W. J. Miller, Supt. M. P. Pine Bluff, Ark

J. E. Brown, Asst. Supt. M. P..... "

C. A. Nicholson, Asst. to Supt. M. P..... "

E. J. Kueck, Mech. Eng.. "

E. H. McFadden, M. M.... "

ROAD FOREMEN ENGINES.

W. H. Hair.....Illmo, Mo

E. O. King.....Pine Bluff, Ark

J. E. Nichols..... "

N. S. Rosemond, Supvr. Fuel..Tyler, Tex

G. S. Gandy, Gen. For. Loco Dept.....Pine Bluff, Ark

C. E. Yowell, Gen. Trav. Car For..... "

G. S. Beaumont, Gen. Car For..... "

J. A. Roost, Paint For.... "

ENGINEERING, BRIDGES & ROADWAY

W. S. Hanley, Ch. Eng.....Tyler, Tex

C. D. Purdon, Consit. & Valua. Eng.....St. Louis, Mo

H. W. Van Hovenberg, Sanitary Eng.....Texarkana, Tex

E. H. McIlhearn, Off. Eng....Tyler, Tex

J. F. McCurdy, Div. Eng.. Pine Bluff, Ark

W. G. Hazlewood, Div. Eng..Illmo, Mo

SUPERVISORS OF BRIDGES & BUILDINGS.

J. B. Livingston.....Illmo, Mo

C. J. Moore.....Pine Bluff, Ark

ROAD MASTERS.

W. D. Bagby.....Malden, Mo

A. Duncan..... "

E. L. Farmer.....Lewisville, Ark

J. E. Patterson.....Pine Bluff, Ark

B. E. Wilbur.....Stuttgart, Ark

R. Williamson.....Brinkley, Ark

860a—St. Louis Southwestern Ry. Co. of Texas.

807 Mls. (Equipment included in St. L. & S. W. Ry., No. 860.)

EXECUTIVE, FINANCIAL AND LEGAL.

✪D. Upthegrove, Pres.....St. Louis, Mo

¶E. O. Griffin, Asst. to Pres. "

W. E. McGraw, V.-Pres. & Gen. Supt.....Tyler, Tex

J. F. Lehane, V.-Pres. (Traffic) "

F. W. Green, V.-Pres.....St. Louis, Mo

A. R. Wood, Sec.....Tyler, Tex

J. W. Hogan, Treas..... "

E. B. Perkins, Gen. Atty....Dallas, Tex

W. A. Conaway, Tax Agt....Tyler, Tex

B. F. Yowell, Clm. Agt..... "

"Koh-i-noor" Drawing Pencils—17 *degrees*
"Koh-i-noor" Copying Pencils—2 *degrees*
"Koh-i-noor" Shorthand Pencils—2 *degrees*
"Koh-i-noor" Account Book Pencils—2 *degrees*

"MEPHISTO"
INDELIBLE COPYING INK
PENCILS

"Mephisto" Copying Ink Pencils-No. 73 B—2 *degrees*
"Mephisto" Copying Ink Pencils-No. 77—2 *degrees*
"Pluto" Copying Ink Pencils—2 *degrees*
"Aviator" Pencils

"KOH-I-NOOR" PENCIL COMPANY
34 EAST 23rd ST., NEW YORK

FACTORIES
BOHEMIA, CZECHO-SLOVAKIA

UNARCO

INSULATION and PACKINGS

Pipe Coverings
Boiler Lagging
Asbestos Millboard
Asbestos Textiles
Air Pump and Throttle
Rod Packings
Sheet Packings
Gaskets

MANUFACTURED EXPRESSLY FOR RAILROAD SERVICE

UNION ASBESTOS & RUBBER CO.
310 So. Michigan Ave.
CHICAGO, ILL.

ST. LOUIS SOUTHWESTERN—Continued.

860a—St. Louis Southwestern Ry. of Texas—Continued.

ACCOUNTING.

F. H. Millard, Asst. to Pres..St. Louis, Mo
A. R. Wood, Aud.....Tyler, Tex
H. P. Taylor, Asst. Aud ..... "
J. H. Barron, Aud. Frt. & Pass. Accts..... "

TRAFFIC.

J. F. Lehane, V.-Pres.....Tyler, Tex
W. F. Murray, G. F. A..... "
S. F. Baker, Asst. G. F. A..... "
R. C. Hatfield, Asst. G. F. A..Ft. Worth, Tex
J. R. Mockbee, Asst. G. F. A...Dallas, Tex
J. C. Winfield, Asst. G. F. A..Tyler, Tex
T. H. Lawrence, G. P. A..... "
F. H. Jones, G. B. A.....Texarkana, Tex
L. C. Barry, Mail Traf. Agt..St. Louis, Mo
C. C. Rockenback, Ind. Comr. "

OPERATING.

F. W. Green, V.-Pres.....St. Louis, Mo
G. B. Matthews, Asst. to V.-Pres..... "
W. E. McGraw, V.-Pres. & Gen. Supt..... .....Tyler, Tex
K. M. Post, Supt..... "
R. H. Lockhart, Asst. Supt.. "
C. E. Whitham, Asst. Supt... "
E. M. Cooper, Asst. Supt. Mt. Pleasant, Tex
W. Mosby, Supt. Trans.....Tyler, Tex
M. J. McNamara, Trans. Asst. St. Louis, Mo
C. H. Jennings, Supt. Din. Car Serv.....Texarkana, Tex
W. J. Allen, Supt. Tel.....Tyler, Tex
H. S. Phillips, Supt. Personnel & Safety..... "
Dr. A. E. Chace, Ch. Surg. Texarkana, Ark
R. C. Hancock, Frt. Clm. Agt..Tyler, Tex
P. T. Cole, Agri. Comr..... "

PURCHASING.

¶E. O. Griffin, Asst. to Pres. St. Louis, Mo
H. G. Devine, Asst. Pur. Off. "
G. F. Battenfield, Gen. Str. Kpr.....Tyler, Tex
A. L. Eckels, Trav. Str. Kpr. St. Louis, Mo
J. N. Bietry, Trav. Str. Kpr. "
W. F. Krone, Sta..... "
J. W. Rafferty, Fuel Insp... "

MECHANICAL.

B. J. Peasley, Supt. M. P.....Tyler, Tex

ROAD FOREMEN ENGINES.

J. D. Dyer.....Tyler, Tex
E. F. Haralson..... "
E. L. Taylor.....Mt. Pleasant, Tex

A. B. Corbett, Gen. For. Loco. Dept.....Tyler, Tex
J. L. Fagan, Gen. Loco. Insp. "
L. C. Kirklin, For. Car Dept... "
B. B. Parker, Trav. Car For. "
N. S. Rosemond, Fuel Supvr. "

ENGINEERING. BRIDGES & ROADWAY

W. S. Hanley, Ch. Eng.....Tyler, Tex
C. D. Purdon, Consit. & Valua. Eng.....St. Louis, Mo
H. W. Van Hovenberg, Sanitary Eng.....Texarkana, Tex
E. H. McIlhearn, Off. Eng... Tyler, Tex
J. F. Montgomery, Div. Eng .....Mt. Pleasant, Tex
V. C. Nall, Div. Eng.....Tyler, Tex
H. G. Russell, Asst. Eng..... "
J. R. Leguenec, Asst. Eng...Waco, Tex
A. W. Foscue, Asst. Eng. Mt. Pleasant, Tex

SUPERVISORS OF BRIDGES AND BUILDINGS.

J. E. Enright .....Tyler, Tex
J. L. Enright.....Mt. Pleasant, Tex

ROAD MASTERS.

W. A. Battle.....Commerce, Tex
A. F. Collins (Act.).....Waco, Tex
C. S. Dodson.....Mt. Pleasant, Tex
W. Francis.....Commerce, Tex
L. J. Sullivan.....Lufkin, Tex
E. C. Swittenberg.....Corsicana, Tex

860x—ST. LOUIS SOUTHWESTERN RY. LINES.

860—St. Louis Southwestern Ry.
860a—St. Louis Southwest'n Ry. of Tex.

861—ST. LOUIS, TROY & EAST'N R.R. CO., THE

26 Mls, 6 Loco, Cars: 1,246 Frt, 7 Misc

St. Louis address, 12th & Lucas Ave.

L. E. Fischer Pres.....St. Louis, Mo
J. W. Esmond, V.-Pres..... "
S. Brown, Sec.....Chicago, Ill
P. C. Dings, Treas..... "
¶B. W. Hillgard, Aud.....St. Louis, Mo
E. L. Bodge, Traf. Mgr..... "
★S. B. Shaver, Supt..... "
W. J. Riordan, Supt. C.S... "
B. L. Brown, Ch. Eng..... "
J. L. Loida, Asst. Eng..... "

862—ST. MARYS R. R. CO.

11 Mls, 1 Loco, Cars: 1 Pass, 1 Misc

A. D. Strobhar, Pres.....Savannah, Ga
C. A. Taylor, V.-Pres... Brunswick, Ga
¶★✠W. Robinson, Jr., Sec. & Treas.....St. Marys, Ga

863—

864—ST. PAUL BRIDGE & TERM. RY. CO. 37 Mls, 8 Loco, Cars: 8 Frt

L. F. Swift, Pres.....Chicago, Ill
F. W. Ellis, V.-Pres..... "
A. R. Fay, V.-Pres..... "
✪T. E. Good, V.-Pres. & Gen. Mgr..... } So. St. Paul, Minn.
A. A. McKechnie, Sec..... "
H. A. Barber, Treas..... "
L. W. Kube, Traf. Mgr..... "
E. R. Handy, Gen. Supt..... "
J. D. Finerty, Supt..... "
¶C. A. Awsumb, Pur. Agt..... "
H. X. Yount, M. M..... "
J. C. Lutz, Ch. Eng..... "

865—SABINE & NECHES VALLEY RY. CO. 14 Mls, 1 Loco, Cars: 1 Pass (Motor).

A. J. Peavy, Ch. of Bd. Shreveport, La
R. J. Wilson, Pres....Deweyville, Tex
R. T. Moore, V.-Pres..... "
¶★C. C. Cary, V.-Pres. & Gen. Mgr.....Shreveport, La
C. Smith, Sec. & Treas. Deweyville, Tex
H. L. Cary, Aud., G.F.&P.A. "
T. E. Trigg, Aud.....Shreveport, La
T. J. Shelton, Asst. G.F.A. "
E. J. Booth, Ch. Eng.....Texla, Tex

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York • Chicago

RAILS

Standard Section Tee Rails

ROLLED FROM REHEATED BLOOMS

TRACK ACCESSORIES
- Splice Bars—Heat Treated
- Tie Plates—Medium and High Carbon—Hot Punched
- Track Bolts—Heat Treated
- Track Spikes—Medium and High Carbon

BARS PLATES SHAPES

SHEET STEEL

Black, Blue Annealed, Galvanized

COPPER ALLOY
FOR
CULVERTS, FLUMES and TANKS

INLAND STEEL COMPANY

38 South Dearborn Street
CHICAGO

Works
Indiana Harbor, Ind.
Chicago Heights, Ill.

Branch Offices
Milwaukee, St. Louis,
St. Paul

866—SACRAMENTO NORTHERN RY. (Electric).
213 Mls, 13 Loco, Cars: 311 Frt, 29 Pass, 21 Misc
San Francisco address, Mills Bldg.
✪G. F. Detrick, Pres.....} San Francisco, Cal
C. Elsey, V.-Pres. & Treas..} San Francisco, Cal
J. R. Parke, Sec. & Aud..} Sacramento, Cal.
R. D. Williams, Traf. Mgr.}
✪J. B. Rowray, Gen. Mgr... "
W. W. Nelson, Supt. Trans. "
¶C. F. Post, Pur. Agt., San Francisco, Cal
R. H. Murphy, Str. Kpr.....Chico, Cal
R. Gould, Supt. Power Dept. "
F. J. Tew, Supt. Mech. & Elec. Rep..... "
A. H. Meier, Gen. For. Mech. Dept..... "
W. H. Evans, Elec. Eng. Sacramento, Cal
H. O. Brown, Ch. Eng. "
D. Kennedy, Rd. Mast..Marysville, Cal

867—SACRAMENTO VALLEY & EASTERN RY.
15 Mls, 2 Loco, Cars: 1 Frt, 2 Pass (Motor)
San Francisco address, Hobart Bldg.
A. D. Joyce, Pres.....} San Francisco, Cal.
✪H. B. Tooker, V.-Pres. & Traf. Mgr..... "
H. Brown, Sec. & Treas. "
A. J. Maclean, Asst. Sec. & Asst. Treas..... "
T. Kearns, Aud. Frt. & Pass. Acct.....} 40th & Shafter Ave., Oakland, Cal.
¶★A. S. Winther, Gen. Mgr.....} Bully Hill, Cal
P. O. Winthrop

868—SALEM, WINONA & SO. R. R. CO
22 Mls, 4 Loco, Cars: 2 Frt, 1 Pass, 1 Misc
¶★✠✪J. W. Ferguson, Pres. St. Louis, Mo
W. S. Dwinnell V.-Pres.....Minneapolis, Minn
N. P. Sanderson 2 V.-Pres.....Texarkana, Ark
J. P. Towery, Sec. .....Shreveport, La
J. D. Ferguson, Treas.....St. Louis, Mo
C. M. Sanders, Gen. Aud...Trinity, Tex
B. A. Brown, Aud. ...W. Eminence, Mo
E. E. Eversull, G.F. & P.A..St. Louis, Mo
P. T. Sanderson, Supt.....Trinity, Tex

869—

870—SALT LAKE & UTAH R. R. CO. (Electric).
76 Mls, 6 Loco, Cars: 128 Frt, 18 Pass, 5 Misc
Salt Lake City address 107 West So. Temple St.
Receivers appointed July 24, 1925.
D. P. Abercrombie, Recr...} Salt Lake City, Utah
✪H. I. Moore, Recr.....}
F. M. Orem, Comptroller... "
C. M. Osborn, Aud ..... "
A. A. Wilson, Traf. Mgr..... "
A. J. Anderson, G. F. & P. A. "
R. K. Brown, Supt..... "
¶C. A. Chapman, Pur. Agt.... "
L. Wilson, Consit. Elec. Eng. "
W. P. Morford, M. M.....Payson, Utah
C. Nelson, Rd. Mast..Salt Lake City, Utah

871—SALT LAKE, GARFIELD & WESTERN RY. CO. (Electric).
17 Mls, 6 Motors, Cars: 5 Frt, 18 Pass.
Salt Lake City address, Kearns Bldg.
A. Snow, Pres.....} Salt Lake City, Utah
W. T. Cannon, Treas.....}
F. E. Hansen, Clm. Agt..... "
¶★✪S. A. Stevens, Gen. Mgr.. "
O. Rasmussen, Rd. Mast..... "

872—SAN ANTONIO & ARANSAS PASS RY. CO., THE
See G. H. & S. A. Ry., No. 360.

872a—SAN ANTONIO SOUTHERN RY. CO. 55 Mls, 4 Loco, Cars: 2 Pass
H. Landa, Pres.....} San Antonio, Tex.
W. R. Wiseman, V.-Pres.}
T. N. Smith, Sec. & Treas. "
¶★✠✪H. A. Briscoe, Gen. Mgr. "
J. A. Hoaker, Supt..... "

872b—SAN ANTONIO, UVALDE & GULF R. R. CO., THE
316 Mls, 18 Loco, Cars: 105 Frt, 23 Pass, 24 Misc
✪A. R. Ponder, Gen. Mgr ....} San Antonio, Tex
H. P. McMillan, Sec., Treas. & Aud.....}
M. Williams, Gen. Atty..... "
J. R. Bratton, Gen. Clm. Agt... "
R. H. Schultz, Traf. Mgr..... "
R. L. Gohmert, Frt. Clm. Agt.. "
C. J. O'Neil, Asst. Frt. Clm. Agt. "
F. L. Lewis, Gen. Supt.} No. Pleasanton, Tex.
H. T. Love, Asst. Supt.}
A. Q. Oliver, Car Acct.. "
Dr. S. P. Cunningham, Ch. Surg.....San Antonio, Tex
¶R. C. Tarbutton, Pur. Agt. "
R. Hines, Str. Kpr.....} No. Pleasanton, Tex.
✠E. R. Breaker, Supt.}
M. P. & M. W..... "
C. B. Banks, For. Paint. "

873—SAN BENITO & RIO GRANDE VALLEY RY. CO.
97 Mls, 4 Loco, Cars: 19 Frt, 2 Pass
¶✠✪G. H. Winsor, Pres.,} San Benito, Tex.
Gen. Mgr. & Aud.....}
J. T. Lomax, Sec. & Treas... "
F. Andrews, Gen. Coun.. Houston, Tex
J. L. Perkins, G.F.&P.A. San Benito, Tex
T. H. Levy, Car Acct.....Houston, Tex
T. A. Burgess, Supt ...San Benito, Tex
L. H. Thacker, M. M.... "

874—SANDERSVILLE R. R. CO.
4 Mls, 2 Loco, Cars: 3 Pass
E. E. West, Pres.....} Sandersville, Ga
A. H. Stephens, V.-Pres.....}
¶★✠✪B. J. Tarbutton, Sec., Gen. Mgr. & Car Acct..... "
D. C. Harris, Treas..... "

875—SAN DIEGO & ARIZONA RY. CO.
156 Mls, 16 Loco, Cars: 256 Frt, 46 Pass, 46 Misc
San Diego address, 632 Spreckels Bldg.
J. D. Spreckels, Pres....San Diego, Cal
R. C. Gillis, V.-Pres...} 217 W. 9th St., Los Angeles, Cal
✪A. T. Mercier, Gen. Mgr....} San Diego, Cal.
L. J. Masson, Sec. & Aud..}

CLARENCE BROOKS & CO.

Manufacturers of

FINE VARNISHES.

Railway Car and Locomotive VARNISHES.

249 to 277 Chestnut Street,

NEWARK, N. J., U. S. A.

THE PROTECTUS PAINT COMPANY

Trade-Mark, Reg.

SPECIALTY MANUFACTURERS OF

Technical Paints and Compositions for All Purposes.

Railroad and Marine Paints.

APPROVED BITUMINOUS SOLUTION ENAMELS AND CEMENTS.

GENERAL OFFICES,
NORTH AMERICAN BUILDING,
PHILADELPHIA, PENNA.

875—SAN DIEGO & ARIZONA Continued.
W. G. Daniels, Treas., Land & Tax Agt. ... San Diego, Cal.
R. G. Dilworth, Gen. Coun. ... "
F. B. Dorsey, Traf. Mgr. ... "
A. D. Hagaman, Asst. G. F. & P. A. ... "
J. R. Lowe, Supt. & Ch. Eng. ... "
¶F. J. Landry, Pur. Agt ... "
T. F. O'Connell, M. M. ... "
C. A. Vincent, Rd. Mast. ... "

876—SAN DIEGO ELECTRIC RY. CO.
106 Mls, Loco, 1 (Elec.), Cars: 33 Frt, 147 Pass
San Diego address, Union Bldg.
W. H. Hannam, Pres. ... San Diego, Cal.
W. Clayton, V.-Pres. ... "
D. Webber, Sec. ... "
J. Belcher, Jr., Treas. ... "
R. G. Dilworth, Gen. Coun. ... "
H. D. Huff, Aud. ... "
S. E. Mason, Asst. Gen. Mgr. ... "
J. A. Moon, Supt. Trans. ... "
¶C. C. Christopher, Pur. Agt. ... "
G. W. Shaver, Supt. Equip. ... "
W. O. Anderson, Ch. Eng. ... "

877—SAND SPRINGS RY. CO.
32 Mls, 5 Loco (including 3 Elec), Cars: 25 Frt, 17 Pass, 20 Misc
¶✪C. Page, Pres. ... Sand Springs, Okla
T. H. Steffens, V.-Pres. ... Tulsa, Okla
C. F. Tingley, Sec. ... "
E. M. Mousell, Act. Treas. ... Sand Springs, Okla.
R. T. Guillan, Aud. ... "
J. S. Babbitt, Traf. Mgr. ... "
H. T. Morrison, Gen. Mgr. ... Tulsa, Okla
H. J. Miller, Supt. ... Sand Springs, Okla.
J. E. Irwin, M. M. ... "
R. Griswald, Eng. Trk. ... "
L. Nolen, Rd. Mast. ... "

878—SANDY RIVER & RANGELEY LAKES R. R.
102 Mls, 2 G, 13 Loco, Cars: 292 Frt, 16 Pass, 26 Misc
Receivers appointed July 8, 1923.
J. S. Maxcy, Recr. ... Phillips, Me
H. S. Wing, Recr. ... "
A. H. Robinson, Traf. Mgr. & Aud. ... "
¶O. M. Vose, Supt. & Pur. Agt. ... "
L. Stinchfield, For. Mach. Shop ... "
H. O. White, Rd. Mast. ... "

878a—SANDY VALLEY & ELKHORN RY. CO., THE
See C. & O. Ry. Co., No. 176.

879—SAN FRANCISCO, NAPA & CALISTOGA RY.
46 Mls, 3 Loco, Cars: 21 Frt, 15 Pass, 1 Misc
San Francisco address, 820 Crocker Bldg.
J. Irvine, Pres. ... San Francisco, Cal
¶✪C. E. Brown, V.-Pres., Pur. Agt. & Gen. Mgr. ... Napa, Cal
E. M. Price, Sec. & Treas. ... San Francisco, Cal
J. T. York, Gen. Coun. ... Napa, Cal
H. J. Hoffman, Gen. Aud. ... "
G. A. Hearn, Supt. Equip. & Elec. Eng. ... "
D. H. Ashton, Act. Rd. Mast. ... "

879a—SAN FRANCISCO-SACRAMENTO R. R. CO. (Electric).
88 Mls, 6 Loco, Cars: 74 Frt, 39 Pass, 13 Misc
Oakland address, 40th & Shafter Aves.
W. Arnstein, Pres. ... Oakland, Cal.
✪H. A. Mitchell, V.-Pres. & Gen. Mgr. ... "
¶H. J. Sutherland, Sec., Aud. Disb. & Pur. Agt. ... "
S. P. Westington, Treas. ... "
T. Kearns, Aud. Frt. & Pass. Accts. ... "
L. H. Rodebaugh, Traf. Mgr. ... "
C. D. Kenady, Supt. Trans. ... "
§F. A. Miller, Supt. Pow. & Equip. & Sig ... "
W. T. Richards, Ch. Eng. ... "
S. H. Phelan, Supt. Rdway ... "

879b—SAN JOAQUIN & EASTERN R.R. CO. 56 Mls, 8 Loco, Cars: 21 Frt, 10 Pass
J. B. Miller, Pres. ... Los Angeles, Cal
✪G. C. Ward, V.-Pres. ... "
O. V. Showers, Sec. ... "
E. G. Miller, Treas. ... "
C. P. Staal, Aud. ... "
D. A. Munger Traf. Mgr. ... "
E. R. Davis, Mgr. ... "
W. H. Dresser, Supt. ... Auberry, Cal
¶J. Otto, Pur. Agt. ... Los Angeles, Cal
M. Gunderson, M. M. ... Auberry, Cal
H. L. Wheeler, Supvr. Eng. ... "

879c—SAN LUIS CENTRAL R. R. CO.
15 Mls, 1 Loco, Cars: 2 Frt
Denver address, 450 Equitable Bldg.
G. McLean, Pres. ... Denver, Col
¶✪A. T. Young, V.-Pres., Treas. Gen. Mgr. & Ch. Eng. ... "
F. C. Krauser, Sec. & Aud. ... "
★A. W. Cornell, Supt. ... Monte Vista, Col

880—SAN LUIS SOUTHERN RY. CO.
32 Mls, 3 Loco, Cars: 15 Frt, 3 Pass (including 1 Motor), 1 Misc
Receiver appointed February 29, 1924.
✪C. A. Robinson, Recr. ... San Acacio, Col
¶★✠R. B. Ramsey, Supt. & Aud. ... "

881—SANTA FE NORTHWESTERN RY. CO., THE
42 Mls, 4 Loco, Cars: 43 Frt
6 miles additional under construction.
G. A. Porter, Pres. ... Charleston, W. Va
G. E. Breece, V.-Pres. Albuquerque, N.M
★F. H. Porter, Sec., Treas. & Gen. Mgr. ... Bernalillo, N.M
DeW. Garber, Aud. ... "
A. R. Yarborough, Traf. Mgr. ... Charleston, W. Va
¶L. A. Porter, Pur. Agt. & Supt. ... Bernalillo, N.M
R. W. Keehn, Div. Eng. ... "

882—SANTA FE SYSTEM.
40x-Atchison, Topeka & Santa Fe Ry.
395—Gulf, Colorado & Santa Fe Ry.
739a-Panhandle & Santa Fe Ry.

NOVOID
CORKBOARD INSULATION
for
Refrigerator and Tank Cars

Standard Sheets 12"x 36"—1", 1½", 2", 3" and 4" thick

NO VOIDS
NO GREEN-CENTERS
NO HARD-BACK

Write for literature and sample

CORK IMPORT CORPORATION
345 West 40th Street New York City

Schaefer Drop-Forged

Truck Lever Connections
Brake Levers
Brake Rod Jaws
Self-Locking Brake Hangers
Collapsible Stake Pockets

SCHAEFER EQUIPMENT CO.
General Office, Oliver Building
PITTSBURGH, PA.

882a—SANTA MARIA VALLEY R.R.CO.
23 Mls, 3 Loco, Car: 1 Misc
G. A. Hancock, Pres.....} Los Angeles.
C. C. Magenheimer, V.-Pres.} Cal.
P. F. Magenheimer, V.-Pres. "
G. C. Magenheimer, Sec... "
J. Irvine, Treas..... "
E. A. Olson, Asst. Sec. & Asst. Treas..... "
C. L. Priesker, Ch. Coun.} Santa Maria,
J. M. Davis, Aud.....} Cal.
¶★✪K. B. Holeman, Gen. Mgr..... "
F. E. Foster, Ch. Eng..... "

882b—SARATOGA & ENCAMPMENT RAILROAD.
44 Mls. Equipment owned—none.
Receiver appointed December 8, 1924.
¶★✠C. R. Fairman, Recr.....Encampment, Wyo

883—SARDIS & DELTA R. R. CO.
13 Mls, 2 Loco, Cars: 1 Frt, 1 Pass
R. M. Carrier, Pres.....} Sardis,
¶M. E. Cooper, V.-Pres. & Traf. Mgr} Miss.
A. W. Shands, Sec., Treas. & Solr. "
C. B. Young, Aud..... "
✠C. M. Swango, Gen. Supt..... "
E. H. Cecil, M. M..... "

883a—SAVANNAH & ATLANTA RY.
145 Mls, 13 Loco, Cars: 12 Pass, 12 Misc
Receivers appointed, March 4, 1921.
✪C. E. Gay, Jr., Recr. & } Savannah,
Gen. Mgr. for Recrs.....} Ga.
T. B. Fielder, Recr.....New York, N. Y
J. L. Strong, Aud. & Treas. } Savannah,
G. D. Sterne, G. F. & P. A..} Ga.
P. L. Sheppard, G. F. A..... "
W. H. Howard, Supt. Trans. "
¶G. T. Nalley, Pur. Agt. & Supt. Car Serv..... "
E. C. Aaron, Str. Kpr.. ..... "
J. M. Hopkinson, Supt. M.P. "
W. D. Foshee, M. M..... "
E. A. Liles, For. Car Dept.... "
J. A. McLeod, Ch. Eng..... "
R. Kirshner, Asst. Eng..... "

884—SAVANNAH & STATESBORO RY. CO. 33 Mls, 4 Loco, Cars: 5 Pass, 2 Misc
J. R. Anderson, Pres.... Savannah, Ga
C. R. Capps, V.-Pres.....Norfolk, Va
M. H. Cahill, V.-Pres (Oper) Savannah, Ga
T. W. Mathews, Treas...Portsmouth, Va
L. R. Powell, Jr., Compt. Baltimore, Md
H. W. MacKenzie, Aud..Portsmouth, Va
J. H. Ketner, G. F. A.....Norfolk, Va
W. L. McMorris, G. P. A.... "
¶✠✪D. C. Smith, Gen Mgr. Statesboro, Ga
J. E. O'Brien, Ch. M. P. & Equip.....Savannah, Ga
§ D. D. Arden, M. M.....Statesboro, Ga

885—SCHOHARIE VALLEY RY. CO.
10 Mls, 2 Loco, Cars: 2 Pass
W. H. Williams, Pres.} 32 Nassau St., New York, N. Y
¶★✪E. E. Vroman, V.-Pres.} Schoharie,
& Gen. Mgr.....} N. Y.
M. A. Sharp, Sec..... "
R. C. Kann, Asst. Sec...Schoharie, N.Y
M. A. Woods, Treas..... "
H. D. Chamberlain, Aud...Albany, N. Y
W. Warner, Ch. Eng..Middleburg, N Y
E. Treddlemyer, Rd. Mast.....Schoharie, N. Y

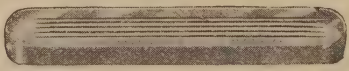
885a—SCOTTS RUN RY. CO.
See Monongahela Ry. Co., No. 636.

886—SEABOARD AIR LINE RY. CO.
3,929 Mls, 664 Loco, Cars: 19,325 Frt, 490 Pass, 890 Misc
EXECUTIVE, FINANCIAL AND LEGAL.
S. Davies Warfield, Pres. & } Balti-
Chman. Bd. & Exec. Com.} more, Md
N. D. Ballantine, Asst. to Pres. "
✪C. R. Capps, 1 V.-Pres.....Norfolk, Va
W. R. Bonsal, V.-Pres..Charleston, S.C
¶M. J. Caples, V.-Pres. (Pur.). Norfolk, Va
W. L. Seddon, V.-Pres. & Consult. Eng..... "
R. L. Nutt, V.-Pres., Sec. & Treas.....New York, N.Y
L. R. Powell, Jr., V.-Pres. & Compt.....Baltimore, Md
M. H. Cahill, V.-Pres.....Savannah, Ga
W. L. Stanley, V.-Pres. (Public Relations).....Atlanta, Ga
ASST. SECRETARIES & ASST. TREASURERS.
T. W. Mathews.....Portsmouth, Va
F. L. Nellis..... ...New York, N. Y
F. Johnson, Gen. Coun. Washington, D.C
J. F. Wright, Gen. Solr.....Norfolk, Va
ASSISTANT GENERAL SOLICITORS.
S. R. Brittingham.....Norfolk, Va
L. B. Plummer..... "
VALUATION COMMITTEE.
M. L. Byers, Chman.....Norfolk, Va
T. W. Roby..... "
ACCOUNTING.
L. R. Powell, Jr., V.-Pres. } Baltimore,
& Compt.....} Md.
R. P. Jones, Asst. to V.-Pres. "
L. L. Knight, Gen. Aud..Portsmouth, Va
AUDITORS.
H. B. Anderson (Disb.).. } Portsmouth,
E. P. Ball (Sta Acct.)... } Va.
V. T. Boatwright (Pass. Accts.)..... "
H. W. MacKenzie (Subsidiary Lines.)..... "
W. A. Rooks (Frt. Accts.). "
O. B. Street (Cost Accts.).. "
G. R. Summerson (Valua.). "
TRAFFIC.
C. R. Capps, 1 V.-Pres.....Norfolk, Va
W. V. Gresham, Asst. to 1 V.-Pres..... "
G. B. Rice, Asst. to 1 V.-Pres. "
B. C. Prince, Frt. Traf. Mgr. "
ASST. FREIGHT TRAFFIC MANAGERS.
C. E. Muller.....Jacksonville, Fla
S. P. Stringfellow.....Atlanta, Ga
E. T. Willcox.....Norfolk, Va
J. H. Ketner, Gen. Frt. Agt. Norfolk, Va
C. P. Gaither, Forn. Frt. Agt. "
ASST. GENERAL FREIGHT AGENTS.
J. W. Booth .....Tampa, Fla
H. M. Boykin.....Richmond, Va
F. C. Cheney.....Atlanta, Ga
R. W. Daniel.....Birmingham, Ala

JENKINS—
as a matter of course

It never occurs to hundreds of railroad men to buy any other valve than a Jenkins Valve. Their preference is based on actual experience.

Jenkins Valves give maximum, not merely average service. Strength where strength is needed is a feature of Jenkins design; the metal used is proved by analyses before and after casting.



Moncrieff
Reflex Gauge Glasses

The sands of Scotland have given the railroad men of America a superior glass for Klinger type gauges—a glass combining great clearness and great toughness.

There is a wide variety of Moncrieff Gauge Glasses for many different needs of industry.

JENKINS BROS.

80 White Street.....New York, N. Y.
524 Atlantic Avenue.....Boston, Mass.
133 No. Seventh Street....Philadelphia, Pa.
646 Washington Boulevard ....Chicago, Ill.

Always marked with the "Diamond"

Jenkins Valves

SINCE 1864

886—SEABOARD AIR LINE—Continued.

ASST. GEN. FREIGHT AGENTS—CONT'D.

R. H. Eberly.....Norfolk, Va
C. C. Graves.....Charleston, S. C
T. T. Masengill.....Norfolk, Va
E. J. Parrish.....Savannah, Ga
C. L. Senter.....Jacksonville, Fla
T. L. Southwell.....Tampa, Fla
J. H. Toomer.....Norfolk, Va
C. B. Ryan, Pass. Traf. Mgr...Norfolk, Va

ASST. PASSENGER TRAFFIC MANAGERS.

F. Geissler.....Norfolk, Va
G. Z. Phillips.....Jacksonville, Fla
W. L. McMorris, G. P. A.....Norfolk, Va
C. H. Gattis, Asst. G. P. A.... "
H. E. Pleasants, Asst. G. P. A. Atlanta, Ga
C. W. Vaughan, G. B. A....Norfolk, Va
G. M. Kimble, Mail & Exp. Traf. Mgr..... "
C. E. Bell, Supt. Din. Cars.....Washington, D. C
W. C. Moore, Frr. Clm. Agt.....Portsmouth, Va

DEVELOPMENT.

C. S. Ucker, Dir. of Develop. } Savannah,
C. A. McKeand, Gen. Ind. } Ga.
Agt..... "
J. N. McBride, Gen. Agri. Agt. "

OPERATING.

M. H. Cahill, V.-Pres..... } Savannah,
L. B. Burns, Asst. to V.-Pres. } Ga.
D. N. Bacot, Asst. Gen. Mgr.. "
J. C. Wroton, Trans. Asst.... "

GENERAL SUPERINTENDENTS.

E. C. Bagwell.....Jacksonville, Fla
G. R. Carlton.....Savannah, Ga
T. W. Parsons.....Arcadia, Fla
G. V. Peyton.....Savannah, Ga

DIVISION SUPERINTENDENTS.

H. A. Benton.....Atlanta, Ga
W. H. Blake.....Tampa, Fla
M. Crown.....Arcadia, Fla
S. M. Dutton.....Savannah, Ga
L. T. Foster.....Charleston, S. C
E. T. Gibson.....Tampa, Fla
M. H. Gold.....W. Palm Beach, Fla
G. L. Hurley.....Jacksonville, Fla
W. G. Jones.....Hamlet, N. C
C. H. Sauls.....Raleigh, N. C
O. R. Teague (Staff.).....Savannah, Ga
C. E. Hix, Supt. Trans.....Savannah, Ga
C. B. Packer, Asst. Supt. Trans. "
K. W. Rodwell, Asst. Supt. Trans..... "
W. E. Rodwell, Asst. to Supt. Trans..... "
F. H. Harris, Car Acct. Portsmouth, Va
W. F. Williams, Supt. Tel. } Savannah,
B. G. Roberts, Asst. Supt.. } Ga.
Tel..... "
E. Y. Graves, Supt. Sta. & Transf..... "
W. W. Fuller, Safety Supvr.. "
W. H. Griffin, Supvr. Clm. Preven..... "
H. S. Leard, Supvr. Pass. Operation..... "

SUPVRS. YARD & TERMINAL OPERATION.

A. J. Kelly.....Savannah, Ga
W. C. Kirby.....Jacksonville, Fla
L. M. Parmley.....Raleigh, N. C

Dr. J. M. Burke, Ch. Surg..Petersburg, Va

PURCHASING.

M. J. Caples, V.-Pres. (Pur.) Norfolk, Va
W. H. King, Jr., Asst. to V.-Pres. (Pur.)..... "
W. M. Portlock, Gen. Str. } Ports-
Kpr..... } mouth, Va
T. A. Hodges, Asst. Gen. Str. Kpr.....Jacksonville, Fla

DIVISION STORE KEEPERS.

W. M. Debnam..... Jacksonville, Fla
J. J. Dught.....Raleigh, N. C
W. D. Maher.....Hamlet, N. C
C. G. Martin.....Andrews, S. C
A. E. Reid.....Savannah, Ga
T. A. Rosseau..... } Howells, Ga
} P. O. Atlanta

STORE KEEPERS.

O. M. Bailey.....Americus, Ga
C. W. Carter..... } Hermitage, Va
} P. O. Richmond
L. T. Correll.....Portsmouth, Va
A. W. Davis (Supply Train)..... "
P. B. Fleming.....Monroe, N. C
A. Hansler (Asst.)....Jacksonville, Fla
L. H. Haynes.....Tampa, Fla
E. Houston.....Wildwood, Fla
J. L. Jones.....Cayce, S. C
E. S. Le May (Asst.)....Portsmouth, Va
J. W. Moriaty.....Arcadia, Fla
H. F. Perritt (Asst.)....Portsmouth, Va
L. P. Sondley.....Abbeville, S. C

E. W. Crawley, Sta. Str. Kpr.....Portsmouth, Va
H. M. Whittington, Insp. Strs..... "

ASSISTANT INSPECTORS STORES.

G. L. Culpepper.....Portsmouth, Va
J. S. Pitchford..... "
J. P. Weirsdorf..... "

MECHANICAL.

J. E. O'Brien, Ch. M. P. & Equip.....Savannah, Ga
F. P. Pfahler, Asst. to Ch. M. P..... "
C. S. Patton, Supt. M. P.... "
G. W. Gilleland, Supt. M. P.....Jacksonville, Fla
R. Hunt, Mech. Eng.....Savannah, Ga

MASTER MECHANICS.

L. E. Cravasse.....W. Palm Beach, Fla
W. D. Freeman.....Hamlet, N. C
J. J. Hanlin..... } Howells, Ga
} P. O. Atlanta
H. Y. Harris.....Tampa, Fla
M. J. McGraw.....Jacksonville, Fla
F. S. Markett.....Arcadia, Fla
T. M. Price.....Raleigh, N. C
H. C. Quarles.....St. Petersburg, Fla
E. H. Roy.....Savannah, Ga
G. A. Haslett, Gen. Rd. For. Eng.....Tampa, Fla

LOEFFELHOLZ CO.

Established 1856.

Manufacturers of RAILROAD CAR HARDWARE.

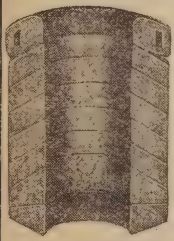
End Door, Saloon Door, Platform Vestibule Door, Sash and Switch Locks, Etc., Etc.

End Door Night, End Door Sash, Platform Vestibule Door, Platform Vestibule Trap Door and Saloon Door Latches, Etc., Etc., in Brass, Bronze, Statuary Bronze, Bower Barff, Silver or Nickel Plated of every description and any finish desired.

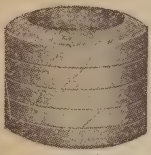
GIBBS ELECTRIC LIGHTING TRAIN CONNECTORS.

Water Cooler Faucets. Vestibule and Platform Trimmings.

MILWAUKEE, WISCONSIN.



THROTTLE



AIR PUMP

DURAMETALLIC LOCOMOTIVE PACKING

PACKS	ADVANTAGES
Air Pumps	Flexible
Throttles	All Metallic
Reverse Gears	Easily Applied
Booster Ball Joints	Anti-Friction
Cab Valves	Long Life
Expansion Joints	Super Heat Use
Accumulators	No Change From
And All Power	Standard
House Equipment	Equipment

UNIVERSAL PACKING CORPORATION

108 Smithfield Street
PITTSBURGH, PENNA., U.S.A.

886—SEABOARD AIR LINE—Continued.

ROAD FOREMEN OF ENGINES.

H. M. Agin.....Waldo, Fla
O. C. Branch.....Hamlet, N. C
C. A. Goodwin.....Andrews, S. C
R. H. Harris.....Tampa, Fla
A. E. Hopkins.....Savannah, Ga
W. A. King.....Wildwood, Fla
W. W. Payne.....Savannah Ga
D. E. Pursell.....Howells, Ga / P. O. Atlanta
P. S. Sargeant.....Raleigh, N. C
J. C. Trigg.....Tampa, Fla

ASSISTANT ROAD FOREMEN OF ENGINES.

D. Campbell.....Jacksonville, Fla
R. M. Gallaway.....Hamlet, N. C
T. V. Howie.....Howells, Ga / P. O. Atlanta
W. A. Kirkland.....Wildwood, Fla
W. M. Moore.....Portsmouth, Va
W. T. Pinner.....Jacksonville, Fla
C. B. Ransom.....Norlina, N. C
G. B. Riddle.....Hamlet, N. C
W. E. Scott..... "
R. B. Tomlinson.....Raleigh, N. C
J. H. Weber.....Jacksonville, Fla
R. L. Leighton, Supvr. Pass. Loco. Oper.....Tampa, Fla
J. R. Bissett, Mech. Insp. Savannah, Ga

GENERAL INSPECTORS EQUIPMENT.

W. J. Pardue (Pass.).....Savannah, Ga
E. A. Puthuff (Frt.)..... "
F. W. Knott, Shop Supt..Portsmouth, Va
V. H. Dunford, Gen. Mast. Boilermaker.....Savannah, Ga.
A. R. Pugh, Gen. Air Brk. Insp. "
B. E. Greenwood, Ch. Scale Insp. "

GENERAL FOREMEN LOCOMOTIVE DEPT.

L. Archer.....Raleigh, N. C
H. Ballenberger.....Andrews, S. C
W. R. Blackley.....Hamlet, N. C
Y. S. Bridges.....Tampa, Fla
J. C. Denham.....Americus, Ga
A. D. Martin.....Howells, Ga / P. O. Atlanta
A. H. Scarlett.....Jacksonville, Fla
R. M. Thomas.....Savannah, Ga
A. H. Whittaker.....Portsmouth, Va

GENERAL FOREMEN CAR DEPT.

L. Butler.....Savannah, Ga
M. F. Fitzpatrick.....Jacksonville, Fla
J. Fletcher.....Portsmouth, Va
R. M. Higgins.....Howells, Ga / P. O. Atlanta
H. Ward.....Hamlet, N. C

ROUNDHOUSE FOREMEN.

C. C. Bailey.....Portsmouth, Va
A. P. Case.....Plant City, Fla
J. W. Chapman.....Charleston, S. C
R. K. Cranford.....Savannah, Ga
S. D. Dickle.....Wildwood, Fla
E. W. Donegan.....Waldo, Fla
W. J. Fuller.....Montgomery, Ala
R. C. Harris.....Abbeville, S. C
W. B. Higbe.....Andrews, S. C
J. P. Jensen.....Hartsville, S. C
C. C. Kiker.....Birmingham, Ala
R. L. Laughlin.....Baldwin, Fla
G. G. Martin.....Cayce, S. C

ROUNDHOUSE FOREMEN—CONT'D.

H. McLendon.....Monroe, N. C.
L. S. Pierce.....Hermitage, Va / P. O. Richmond
H. E. Riddle.....Raleigh, N. C
E. H. Rusher.....Hamlet, N. C
G. Strath.....Tampa, Fla
A. M. Thayer.....Americus, Ga
H. A. Wiles.....Jacksonville, Fla
D. M. Wood.....Howells, Ga / P. O. Atlanta
J. L. Askew, For. Paint. Portsmouth, Va

ENGINEERING, BRIDGES & ROADWAY

W. D. Faucette, Ch. Eng..Savannah, Ga
E. W. Smith, Asst. to Ch. Eng..... "
W. L. Darden, Sr. Asst. Eng. "
E. A. Frink, Prin. Asst. Eng. "
L. A. Murr, Asst. Eng..... "
L. N. Riggin, Asst. Eng..... "
C. E. H. Sudler, Asst. Eng.. "
H. S. Thomas, Eng. Const.. "
D. M. McKey, Locat'g Eng. Plant City, Fla
L. C. Holt, R. of W. Eng..Savannah, Ga
J. B. McClain, Eng. Brdg..... "
J. C. Williams, Eng. Bldgs. "
J. L. Kirby, Eng. M. W ..... "
W. D. Simpson, Asst. Eng. M. W.....Tampa, Fla

DISTRICT ENGINEERS.

H. R. Artman.....Atlanta, Ga
O. F. McNairy.....Jacksonville, Fla
J. W. Sexton..... Arcadia, Fla
V. Sykes.....Hamlet, N. C
A. O. Wilson.....Savannah, Ga

DIVISION ENGINEERS.

P. L. Bean.....Atlanta, Ga
R. W. Bonney.....Tampa, Fla
C. M. Cannon.....Arcadia, Fla
E. L. Cannon.....Savannah, Ga
W. J. Gooding.....Charleston, S. C
E. D. Hall.....Jacksonville, Fla
H. O. Kaigler.....Sebring, Fla
C. A. McRee.....Raleigh, N. C
G. W. Shoemaker.....Tampa, Fla
R. L. Tatum.....Hamlet, N. C

MASTER CARPENTERS.

C. W. Barfield.....Americus, Ga
H. L. Bryson.....Hamlet, N. C
J. C. Hamrick.....Charleston, S. C
H. L. Hatcher.....W. Palm Beach, Fla
J. V. Inabinet.....Tampa, Fla
G. M. Mayer.....Atlanta, Ga
A. J. Reynolds.....Raleigh, N. C
J. L. Winter.....Waldo, Fla
R. O. Zittrouer.....Jacksonville, Fla
J. Durkin, Gen. Brdg. Insp. Savannah, Ga
H. C. Shealy, Gen. Brdg. Insp. Hamlet, N. C
E. H. Hunt, Supvr. Trk. & Struct.....Savannah, Ga
J. R. Morgan, Gen. Rd. Mast. Hamlet, N. C

ROAD MASTERS.

T. C. Anderson.....Atlanta, Ga
W. M. Anderson.....Birmingham, Ala
J. H. Bacon.....Plant City, Fla
A. J. Bailey.....Waldo, Fla
W. R. Barrett (R. F. D.).....Atlanta, Ga
W. J. Bass.....Waldo, Fla

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

"MASON" PRODUCTS

For Thirty Years a
Standard Specification On
American Railroads

"MASON" SAFETY TREADS

"STANWOOD" STEPS AND TREAD

"KARBOLITH" COMPOSITION FLOORING

Send for Catalogs

AMERICAN MASON SAFETY TREAD CO.
LOWELL, MASS.

Spaulding Hard Vulcanized Fibre

Spaulding-Bakelite

Sheets - Rods - Tubes - Special Shapes

Spaulding-Armite (Insulating Paper)

Branch Factories and Warehouses:
New York, Chicago, Philadelphia, Boston, Detroit,
Cleveland, Cincinnati, Los Angeles and San Francisco.

SPAULDING FIBRE COMPANY, Inc.
TONAWANDA, NEW YORK

886—SEABOARD AIR LINE—Continued.

ROAD MASTERS—CONTINUED.

W. C. Beach.....Sebring, Fla
W. A. Bell.....Arcadia, Fla
W. H. Booth.....Lake City, Fla
C. S. Browne.....Jacksonville, Fla
S. A. Bryan.....Baldwin, Fla
I. W. Case.....Hamlet, N. C
C. E. Clark.....Americus, Ga
G. G. Cooper.....Plant City, Fla
R. A. Drawdy.....Orlando, Fla
J. T. Elmore, Sr.....Henderson, N. C
A. C. Everett.....Tampa, Fla
J. Q. Fronaberger....Montgomery, Ala
J. M. Gamble.....Savannah, Ga
G. W. Grenshaw.....Monroe, N.C
R. L. Hair.....Wildwood, Fla
S. M. Heafner.....Portsmouth, Va
F. M. Hollis.....Richmond, Va
T. C. Hudson.....Columbus, Ga
E. H. Hunt.....Savannah, Ga
C. C. Jones.....Hamlet, N. C
S. H. Jones.....Tampa, Fla
M. P. Kelly.....Tallahassee, Fla
J. L. King.....Hartsville, S. C
L. L. Leyton.....Hamlet, N. C
T. C. McDowell.....Monroe, N. C
H. T. McManus.....Hamlet, N. C
J. B. McNeely..... "
A. A. Morris.....Abbeville, S. C
J. M. Napier.....Charleston, S. C
G. G. Perry.....Vidalia, Ga
H. M. Scott.....Sebring, Fla
J. T. Smoak.....Tampa, Fla
J. E. Sowell.....Raleigh, N. C
J. G. Young.....Fairfax, S. C
W. A. Young.....Andrews, S. C

F. H. Bagley, Sig. Eng....Savannah, Ga
F. D. Morehart, Ch. Sig. Insp. "
J. B. Weigal, Gen. Interlock. Insp..... "

P. G. Bodwell, Sig. Supvr. Raleigh, N. C
F. C. Stevenson, Sig. Supvr.....Jacksonville, Fla

887 –

888—SEWELL VALLEY R. R. CO.

51 Mls, 9 Loco, Cars: 25 Frt, 3 Pass, 10 Misc

10 miles additional under construction.

✪T. W. Raine, Pres.....Rainelle, W. Va
¶ J. M. Raine, V.-Pres..... "
E. W. Jeter, Asst. to V.-Pres. "
J. Raine, Treas..... "
D. S. Carter, Aud..... "
H. C. Lee, Frt. Clm. Agt. "
C. L. Creel, M. M..... "
A. M. Simms, Rd. For. Eng..... "
A. C. Willard, Supvr.... "

889—

890—SHARPSVILLE R. R. CO., THE

21 Mls. Equipment owned—none.

Receiver appointed, Jan. 21, 1897.

¶★✠✪G. M. McIlvain, Recr.....Sharpsville, Pa
E. M. Devereux, Treas...Baltimore, Md
T. J. Holderness, Aud. for Recr.....Sharpsville, Pa
J. H. Carroll, Jr., G.F.A Pittsburgh, Pa

891—SHEARWOOD RY. CO.

38 Mls, 3 Loco, Cars: 2 Frt, 4 Pass

¶✪J. N. Shearouse, Pres...Brooklet, Ga
J. A. Calhoun, V.-Pres., 1311 Philpot St., Baltimore, Md.
H. Booth, Treas.....Statesboro, Ga
H. M. Robertson, Jr., Aud. Brooklet, Ga
F. W. Hughes, Frt. Clm. Agt. "
E. H. Usher, M. M..... "
R. D. Gignilliatt, Ch. Eng..Pineora, Ga

892 to 896

897—SHEFFIELD & TIONESTA RY. CO. THE

34 Mls, 4 Loco, Cars: 31 Frt, 4 Pass, 4 Misc

¶★✠F. R. Klinestiver, Pres., Gen. Mgr. & Pur. Agt....Nebraska, Pa
S. Ranson, Sec.....Kellettville, Pa
J. A. Foreman, Treas.....Tionesta, Pa
S. H. Secor, Aud. & G. F. A...Sheffield, Pa

898—SHELBY COUNTY RY. CO. SHELBY NORTHWESTERN RY. CO. 30 Mls, 3 Loco, Cars: 4 Frt, 2 Pass

L. B. Houck, Pres..Cape Girardeau, Mo
¶★✠✪J. C. Houck, Gen. Mgr. & Traf. Mgr..... .....Shelbina, Mo

899—SHREVEPORT, ALEXANDRIA & SOUTHWESTERN RY. SYSTEM.

Composed of

LOUISIANA & PACIFIC RY. CO.
SIBLEY, LAKE BISTENEAU & SO. RY. CO.
WOODWORTH & LOUISIANA CENTRAL RY. CO., THE

91 Mls, 11 Loco, Cars: 324 Frt, 12 Misc

Kansas City address, R. A. Long Bldg.

R. A. Long, Chman.....Kansas City, Mo
M. B. Nelson, Pres..... "
✪R. S. Davis, V.-Pres. & Gen. Mgr. "
J. D. Tennant, V.-Pres..... "
¶ W. L. Prickett, V.-Pres..... "
R. W. Stith, Sec. & Compt..... "
F. A. Nelson, Traf. Mgr..... "

L. & P. RY.

★✠J. F. Sugrue Gen. Supt..De Ridder, La
R. W. Stith, Treas.....Kansas City, Mo
D. McLean, Aud.....De Ridder, La

S., L. B. & S. RY.

★✠E. Buckner, Supt.....Ringgold, La
R. W. Stith, Treas.....Kansas City, Mo
R. R. Smith, Aud.....Ringgold, La

W. & L. C. RY.

★✠P. L. Reagan, Gen. Supt. & Treas.....Woodworth, La.

900—

901 — SHREVEPORT, HOUSTON & GULF R. R.

11 Mls, 1 Loco, Cars: 1 Frt, 2 Pass

✪G. A. Kelley, Pres.....Manning, Tex.
¶★W. M. Gibbs, V.-Pres. & Gen. Mgr..... "
W. M. Powell, Sec..... "
✠W. W. Kelley, Treas..... "
W. B. Faris, Aud. & Traf. Mgr. "

A World's Record

Marshfield, Wisc.

Made By General American Milk Tank Cars

A GENERAL AMERICAN Glass Lined Milk Tank Car with 6000 gallons of milk from tuberculin tested herds and 40 ten-gallon cans of 40% cream locked and sealed and with content cooled to 35° left Marshfield, Wisconsin, at 1 P. M. Tuesday, February 16th. The temperature outdoors was 26°.

Via Soo Line to Chicago Pennsylvania to Cincinnati Southern Railway to Jacksonville Atlantic Coast Line by express to Miami, Florida. Then from Miami, on February 20th, at 6 P. M., this wire was sent by J. W Staples, Manager, to General American headquarters: "Unloaded car Six P. M. Content perfect. Milk thirty six degrees. Outdoor temperature ninety two degrees. Trip complete success."

That wire told the story. 1800 miles in transit. An outdoor temperature change of 66°. A change of only 1° in the sealed content of the General American Milk Tank Car! A 100% perfect product, after a journey nearly 10 times the distance ever covered before! A World's Record that stands as a monument to the skill of General American Car Company Engineers!

MIAMI FLORIDA

GENERAL AMERICAN CAR COMPANY

Division of General American Tank Car Corporation

General Offices: 940 Illinois Merchants Bank Bldg., Chicago

902—SIBLEY, LAKE BISTENEAU & SOUTHERN RY. CO., THE
Operated by S. A. & So. W. Ry., No. 899.

903—SIERRA RY.CO.OF CALIFORNIA
76 Mls, 10 Loco, Cars: 49 Frt, 7 Pass
San Francisco address, 610 Crocker Bldg.
R. H. Downes, Pres. ..... } San Fran-
W.H. Crocker, V.-Pres..... } cisco, Cal.
J. T. Bullock, Sec. ..... } Jamestown,
¶✪C. N. Hamblin, Treas., } Cal.
Aud. & Gen. Mgr..... "
F. G. Flaherty, Gen. Coun.....San Francisco, Cal
H. A. Butchart, Gen. Frt. & Pass. Agent.....Jamestown, Cal
R. Hall, Supt ..... "
B. F. Stine, M. M..... "
W. H. Newell, Ch. Eng. "

904—SIEVERN & KNOXVILLE R. R. CO. 28 Mls. Equipment owned—None.
For officials see So. Ry. Sys., No. 927.

905—SILVERTON NORTHERN R.R.CO.
24 Mls, 3 G, 3 Loco, Cars: 2 Pass, 2 Misc
O. Mears, Pres.....Silverton, Col
¶★✪J. R. Pitcher, V.-Pres., Treas. & Gen. Mgr. "
J. B. Frank, Sec..... "
J.E. Dresback, Aud. & Supt. "
A. W. Harrison, Eng., M.W. "

906 to 910

911—SKANEATELES R. R.
5 Mls, 3 Loco, Cars: 4 Frt, 2 Pass, 1 Misc
¶$★✠✪S.A. Kane, Pres., Skaneateles, N.Y

912—SLIGO & EASTERN R. R. CO., THE
33 Mls, 3 Loco, Cars: 6 Frt, 2 Misc
N. A. Doyle, Pres..... } 915 Olive St.
★✠✪H. H. Douglass, Sec. } St. Louis, Mo
& Aud..... "
S. A. Mallette, Treas. } 165 Broadway.
¶W.J. Harris, Pur. Agt. } New York, N. Y

913—914—

915—SMOKY MOUNTAIN RY. CO.
10 Mls, 1 Loco, Cars: 2 Frt, 1 Pass
L. C. Bell, V.-Pres .....Columbus, O
C. B. Weakley, Treas..... "
J. F. Powers, Aud..... "
E. E. Ritter, Gen. Mgr..... "
For other officials see B.S.&C.R. R., No. 85

916—SOUTH BROOKLYN RY. CO.
(Elec.) 19 Mls, 3 Loco, Cars: 156 Frt
¶A. R. Piper, Pres..... } 85 Clinton St.,
G.D. Yeomans, V.-Pres. } Brooklyn, N.Y
& Gen. Coun..... "
F.C. Marston, Sec. & Treas. "
W. S. Wells, G. F. A. & Frt. Clm. Agt..... "
W. G. Gove, Supt. Equip. "

917—SOUTH BUFFALO RY. CO.
6 Mls, 30 Loco, Cars: 29 Frt, 6 Pass
F. H. Burnett, Pres. Lackawanna, N.Y
§F. M. Benning, V.-Pres. & Gen. Supt..... "
J. E. Donnelly, Sec. & Treas..... Lackawanna, N.Y
J. F. Findlay, Aud.....Bethlehem, Pa
¶W. C. Worth, Pur. Agt.. "
B. F. Lawrence, Supt. M.P. } Lackawan-
W. A. James, Ch. Eng..... } na, N.Y.

918—919—

920—SOUTH GEORGIA RY. CO.
82 Mls, 6 Loco, Cars: 7 Frt, 7 Pass, 4 Misc
✪J. W. Oglesby, Pres.....Quitman, Ga
R. C. McIntosh, V.-Pres.... "
¶C. T. Tillman, Treas. & Pur. Agt..... "
C. F. Cater, Aud. ..... "
C. H. Myers, G. F. & P. A.. "
J.W. Oglesby, Jr., Gen. Mgr. "
W. M. Leverette, Supt..... "
C. E. Clark, Car Acct.. .... "
Dr. J. R. McMichael, Ch. Surg..... "
J. J. Davis, M. M..... "
S. L. Turner, Rd. Mast..... "

921—922—

923—SOUTH MANCHESTER R. R.
2 Mls, 2 Loco, Cars: 5 Pass
¶★✠C.H. Cheney, Pres. & } So. Manches-
Mgr..... } ter, Conn.
J. E. Rowland, Asst. to Pres. & Frt. Clm. Agt.... "
F. Cheney, Jr., V.-Pres..... "
W. C. Cheney, Sec..... "
L. S. Carter, Treas..... "

924—SO. SAN FRANCISCO BELT RY.
3 Mls, 1 Loco
W. J. Martin, Pres..... } So. San Fran-
¶★✠P. J. Shaw, V.-Pres. } cisco, Cal
& Traf. Mgr.. ..... "
M. C. Thompson, Sec. & Treas..... "

925—SOUTH SHORE R. R.
2 Mls, 2 Loco, Cars: 6 Misc
¶★✠C.W. Friend, V.-Pres. Pittsburgh, Pa
T. W. Friend, Treas..... "
R. F. Mitchell, Aud..... "
F. N. Hoffstot, Supt..... "

926—SOUTHERN OHIO PUBLIC SERVICE CO.
91 Mls, Cars: 19 Frt, 46 Pass, 6 Misc
✪R.Z. Zimmermann, V.-Pres. & Gen. Mgr.....Zanesville, O
¶L. W. Van Bibber, Asst. Treas. & Car Acct..... "
✠J. W. Hewitt, Gen. Supt. Ry. Oper..... "
E. J. Lemasters, Supt.....Newark, O
C. E. Moran, Gen. Supt. Elec. Oper.....Zanesville, O
J. Seigle, Shop For.... .....Newark, O

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

WOODINGS FORGE AND TOOL CO.

VERONA, PA.

MANUFACTURER OF

TRACK TOOLS

ADZES CLAW BARS

TRACK CHISELS HAMMERS

PICKS SPIKE MAULS

SLEDGES WRENCHES

PUNCHES, ETC.

ALL STANDARD HIGH GRADE TOOLS

THE MAINTENANCE EQUIPMENT CO.
RAILWAY EXCHANGE BUILDING
CHICAGO, ILL.
SALE AGENTS

927—SOUTHERN RY. SYSTEM.

The following roads compose this System—

ALABAMA GREAT SOUTHERN RAILROAD.
CINCINNATI, BURNSIDE & CUMBERLAND RIVER RY.
CINCINNATI, NEW ORLEANS & TEXAS PACIFIC RY. CO., THE.
GEORGIA SOUTHERN & FLORIDA RY. CO.
HARRIMAN & NORTHEASTERN R. R. CO.
NEW ORLEANS & NO'EASTERN R. R. CO.
NEW ORLEANS TERMINAL CO.
NORTHERN ALABAMA RAILWAY CO.
ST. JOHNS RIVER TERMINAL CO.
SIEVERN & KNOXVILLE R. R. CO.
SOUTHERN RY. CO.
STATE UNIVERSITY R. R. CO.
TENNESSEE & CAROLINA SO. RY. CO.

8,111 Mls, 2,225 Loco, Cars: 73,608 Frt, 1,397 Pass, 3,440 Misc. (Mileage also shown Separately for each line.)

Washington address, 1300 Penn Ave.

System Officials.

EXECUTIVE, FINANCIAL & LEGAL.

Fairfax Harrison, Pres. Washington, D.C
L. Green, Asst. to Pres. "
A. H. Plant, Asst. to Pres. "
L. E. Jeffries, V.-Pres. & Gen. Coun. "
✪H. W. Miller, V.-Pres. "
¶F. S. Wynn, V.-Pres. "
J. B. Munson, V.-Pres. Cincinnati, O
R. B. Pegram, V.-Pres. Atlanta, Ga
E. R. Oliver, V.-Pres. Washington, D.C
J. E. Fitzwilson, V. Pres. (N.O. & N.E. R.R.Co.) New Orleans, La
C. E. A. McCarthy, Sec. New York, N. Y

ASSISTANT SECRETARIES.

W. S. Camp. Washington, D. C
J. H. Drake. Richmond, Va
G. E. Mauldin. Washington, D. C
E. A. Merrill. New York, N. Y

E. F. Parham, Treas. } Washington, D. C
A. E. Tate, Asst. to Treas. }
M. Middleton, Asst. Treas. "
W. P. Hopper, Asst. Treas. (G. S. & F. Ry.) "
C. Patton, Treas. (C., N. O. & T., P. R. R., A. G. S. R. R., N. O. & N. E. R. R.) } Cincinnati, O
T. Bird, Asst. Treas. "
P. Horne, Supt. R. E. } Washington, D. C
E. B. Berry, Supt. Insur. }
L. E. Jeffries, V.-Pres. & Gen. Coun. "

COMMERCE COUNSELS.

W. N. McGehee. Washington, D. C
C. J. Rixey. "
H. L. Walker. "

GENERAL SOLICITORS.

E. Colston. Cincinnati, O
S. R. Prince. Washington, D. C
J. T. Stokely. "

A. P. Humphrey, Consult. Coun. Louisville, Ky
H. O'B. Cooper, Gen. Atty. } Washington, D. C
J. R. Leighty, Spec. Eng. Valua. "

D. W. Lum, Spec. Eng. Valua } Washington, D.C
I. W. Haun, Ch. Clm. Agt. }
Dr. W. A. Applegate, Ch. Surg. "

ACCOUNTING.

E. H. Kemper, Compt. } Washington, D. C
A. H. Oliver, Asst. to Compt. }
J. B. Duke, Gen. Aud. "
H. W. Oliver, Asst. Gen. Aud. "
J. Aitcheson, Gen. Acct. "
F. X. Fleming, Gen. Acct. Cincinnati, O

AUDITORS.

D. E. Driscoll, (Frt. Accts). Cincinnati, O
A. E. Fowler. Washington, D. C
K. Kemper (Disb.). Cincinnati, O
A. T. Martin (Sta. Accts.) } Washington, D. C
F. D. Pollard (Disb.) }
W. T. Pollard (Constr.) "
J. A. Robinson } Cincinnati, O
J. G. Rumpler (Pass. Accts.) }
W. P. Rose (Pass. Accts.) } Washington, D. C
T. H. Seay (Frt. Accts.) }
J. S. Tassin (Valua.) "
C. B. Carlton (Joint Fac.) "

ASSISTANT AUDITORS.

W. G. Casteel. Cincinnati, O
W. H. Luckett } Washington, D. C
J. E. Pankuin (Disb.) }
T. L. Shelton "
L. Strauss (Const.) "
F. A. Truan (Frt. Accts.) "

TRAFFIC.

E. R. Oliver, V.-Pres. } Washington, D. C
F. D. Claggett, Asst. to V.-Pres. }
L. V. Crane, Asst. to V.-Pres. "
W. H. McGuffy, Asst. to V.-Pres. "
B. G. Brown, Frt. Traf. Mgr } So. Ry. Bldg., Atlanta, Ga
R. L. McKellar, For. Frt. Traf. Mgr. Louisville, Ky
W. H. Tayloe, Pass. Traf. Mgr. Washington, D. C
E. N. Aiken, G. P. A. Cincinnati, O
H. F. Cary, G. P. A. Washington, D. C

ASST. GENERAL PASSENGER AGENTS.

J. C. Beam. Atlanta, Ga
C. A. Kline. Washington, D. C
J. L. Meek. Chattanooga, Tenn
F. N. Westerman. Washington, D. C
J. C. Williams, Mgr. Agric. Develop. Serv. Washington, D. C
J. J. Hooper, Gen. Frt. Clm. Agt. "
J. C. Conn, G. B. A. Chattanooga, Tenn

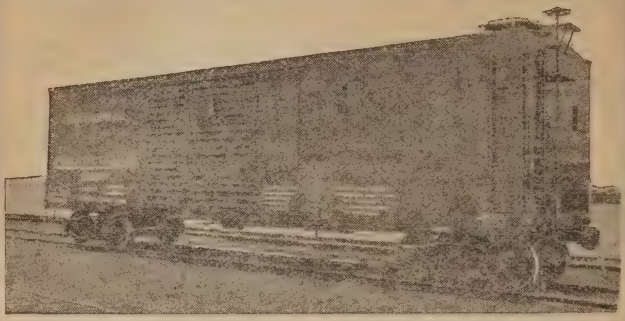
OPERATING.

H. W. Miller, V.-Pres. Washington, D. C
W. S. Andrews, Asst. V.-Pres. "

ASSISTANTS TO VICE-PRESIDENTS.

✠J. B. Akers. Washington, D. C
★R. L. Ettenger. "
W. H. Gatchell. "
H. H. Laughton. "
C. D. Mackay. "
P. J. Schardt. "

H. E. Hutchens, Gen. Insp. } Washington, D. C
Pass. Traus }
J. A. Rathburn, Supt. Car Records. "



NEWPORT NEWS CARS
"Built Like a Battleship"

This latest design Pennsylvania all-steel automobile box car, with new standard section center and side sills, is typical of the rail equipment made by Newport News.

Especially equipped for building, rebuilding, repairing and painting steel, composite and wood freight cars. Forged, cast and pressed car parts a specialty.

NEWPORT NEWS SHIPBUILDING AND DRY DOCKS COMPANY

Newport News, Va.

927—SOUTHERN—Continued.

System Officials—Continued.

R. L. Sproul, Asst. Supt. Car Records ..... } Washington, D. C.
J. A. Baumgardner, Gen. Frt. Clm. Agt..... Chattanooga, Tenn
D. H. Beatty, Supt. Safety & Sanitation..... } Washington, D. C.
W. F. Kusch, Mgr. Din. Cars.. "
J. A. Jones, Gen. Supt. Tel... "
J. W. Connelly, Supt. of Police "

SUPERINTENDENTS DINING CARS.

J. D. Crow..... Chattanooga, Tenn
B. F. Lawrence..... Charlotte, N. C

PURCHASING.

¶ F. S. Wynn, V.-Pres..... } Washington, D. C.
¶ C. R. Craig, Gen. Pur. Agt.. }
A. Telford, Asst. Gen. Pur. Agt. "
L. H. Skinner, Pur. Agt..... "
E. E. Hanson, Asst. Pur. Agt... "
T. H. Clarke, Tie & Timber Agt. "

COAL PURCHASING.

R. B. Pegram, V.-Pres..... Atlanta, Ga
H. C. Couch, Asst. to V.-Pres. "
E. G. Goodwin, Fuel Agt. Knoxville, Tenn

MATERIAL AND SUPPLIES.

H. W. Miller, V.-Pres..... } Washington, D. C.
H. H. Laughton, Asst. to V.-Pres ..... }
R. E. Weedon, Supt. Rdway Shops..... "
J. W. Gerber, Gen. Str. Kpr.. "
J. E. Hobson, Stationer..... Atlanta, Ga

DIVISION STORE KEEPERS.

R. L. Agner..... Alexandria, Va
F. H. Blood..... Bristol, Va
N. B. Coggins..... Selma, Ala
J. E. Garnett..... Sheffield, Ala
J. T. Goodloe..... Spencer, N. C
G. W. Grier..... Macon, Ga
T. L. Hicks..... New Orleans, La
W. C. Hutson..... Somerset, Ky
A. J. Jager..... Jacksonville, Fla
G. M. Jarvis..... Greenville, S. C
A. B. Lackey..... Birmingham, Ala
B. H. Ledbetter..... Meridian, Miss
A. Lee..... Pinners Point, Va
R. A. Livengood..... Charlotte, N. C
J. H. Logan (Rdway)..... "
J. B. Lowd..... Columbia, S. C
C. A. Melville (Rdway). } Chattanooga, Tenn.
W. B. Michael..... Lawrenceville, Va
W. B. Nettles..... Princeton, Ind
F. C. Newman (Car Shops)..... } Hayne, S. C., P. O. Saxon Mills
B. F. Page..... Memphis, Tenn
W. L. Page..... Charleston, S. C
J. G. Peck..... Monroe, Va
E. L. Ramsey..... Asheville, N. C
A. D. Roberts..... Chattanooga, Tenn
E. V. Seiller..... Danville, Ky
J. H. Smith..... Atlanta, Ga
J. P. Sowers..... Pomona, N. C
E. E. Stutts..... Winston-Salem, N. C
E. L. Tavlin..... Ludlow, Ky
C. L. Tiller..... So. Richmond, Va
G. P. Turner..... Knoxville, Tenn
C. O. Zengler..... East St. Louis, Ill

MECHANICAL.

★ R. L. Ettenger, Asst. to V.-Pres ..... } Washington, D. C.
J. P. Chadwick, Mech. Eng. "
J. J. Stahl, Fuel Eng..... "
W. B. Crooks, Trav. Insp. "
M. S. Belk, Gen. Air Brk. Inst. "
F. A. Mayer, Gen. Mast. Boil'rmkr ..... "

ENGINEERING, BRIDGES & ROADWAY.

ENGINEERING DEPARTMENT.

✠ J. B. Akers, Asst. to V.-Pres..... Washington, D. C
J. C. Ramage, Eng. Tests Alexandria, Va
H. W. Hesselbach, Arch..... } Washington, D. C.
W. H. Barnard, Jr., Struct. Eng..... }
C. H. Mann, Supt. of Scales.. "
A. B. Pierce, Eng. of Water Supply..... "
J. N. Todd, Office Eng..... "

ASSISTANT ENGINEERS.

G. E. Hartshorn..... Washington, D. C
H. Meade..... "
J. D. Pendleton..... "
R. H. Rice..... "
H. F. Smith..... "
W. H. Thrall..... "
E. A. Wiesman..... "

CONSTRUCTION DEPARTMENT.

F. S. Wynn, V.-Pres. (Constr) } Washington, D. C.
B. Herman, Ch. Eng..... }
C. M. Ratliff, Cost Eng..... "
L. G. Wallis, Drain. Eng..... "
L. Moore, Eng. Surveys..... "
R. C. Bryant, Locat. Eng..... "
M. R. Strong, Brdg. Eng..... "
J. C. Pickens, Off. Eng..... "

ASSISTANT CONSTRUCTION ENGINEERS.

M. I. Lippitt..... Washington, D. C
W. D. Rucker..... "

SIGNAL AND ELECTRICAL.

W. J. Eck, Supt. Sig. & Elec. Dept..... } Washington, D. C.
T. N. Charles, Asst. Eng. Sig. & Elec. Dept..... "

927a—Lines East.

4,366 Mls. (Mileage also included in Southern Ry. System, No. 927.)

OPERATING.

R. E. Simpson, Gen. Mgr.. Charlotte, N. C

GENERAL SUPERINTENDENTS.

W. C. Hudson..... Danville, Va
O. B. Keister..... Knoxville, Tenn
W. Maxwell (Asst. to) Spartanburg, S. C
J. W. Wassum..... Charlotte, N. C

SUPERINTENDENTS.

C. G. Arthur..... Richmond, Va
R. L. Avery..... Norfolk, Va
J. S. Bergman..... Winston-Salem, N. C
S. S. Brooks..... Knoxville, Tenn
C. E. Burchfield..... Bristol, Va
L. F. DeRamus..... Greensboro, N. C
M. O. Dunbar..... Spartanburg, S. C
J. F. Gaffney (Asst.)..... Asheville, N. C
C. C. Hodges (Asst.)..... Brevard, N. C
W. P. Hood, K. & A. R. R., K. & B. R. R. & T. & C. S. Ry. } Knoxville, Tenn.
H. L. Hungerford..... Greenville, S. C

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York • Chicago

927—SOUTHERN—Continued

927a—Lines East—Continued.

SUPERINTENDENTS—CONTINUED.

C. P. King.....Charleston, S. C
W. L. King.....Columbia, S. C
M. E. Madden.....Alexandria, Va
S. J. Mulvaney.....Asheville, N. C
W. D. Post.....Knoxville, Tenn

TERMINAL SUPERINTENDENTS.

W. F. Cooper.....Spencer, N. C
R. E. Hurd.....Knoxville, Tenn
F. McCabe.....Charleston, S. C
J. H. Rickmond.....Columbia, S. C

W. M. Cowhig, Gen. Supt. Transp.....Charlotte, N. C
G. R. Buddin, Insp. Transp. "
J. R. Smith, Supt. Tel..... "

TRAFFIC.

ASSISTANT FREIGHT TRAFFIC MANAGERS.

R. H. Morris.....Washington, D.C
R. L. Simpson.....Atlanta, Ga
G. H. Wilcox..... "
J. M. Woodruff.....Charlotte, N. C

J. H. Drake, G. F. A.....Richmond, Va
W. H. Paxton, G. F. A.....Atlanta, Ga

ASSISTANT GENERAL FREIGHT AGENTS.

J. W. Bray.....Atlanta, Ga
R. J. Brown..... "
H. M. Cobb..... "
J. L. Cox.....Charleston, S. C
I. L. Graves.....Knoxville, Tenn
A. E. Hendee.....Atlanta, Ga
J. W. Hunter.....Mobile, Ala
J. E. Monroe.....Atlanta, Ga
W. F. Wilson.....Richmond, Va
P. A. Wright.....Atlanta, Ga

MECHANICAL.

E. M. Sweetman, Supt. M. P.....Charlotte, N. C

MASTER MECHANICS.

J. L. Cantwell.....Bristol, Va
J. H. Fetner.....Columbia, S. C
C. G. Goff.....Richmond, Va
C. G. Henderson.....Charleston, S. C
S. R. Kelly.....Lawrenceville, Va
A. M. Lawhon.....Alexandria, Va
F. C. Simpson.....Knoxville, Tenn
M. D. Stewart.....Spencer, N. C

A. White, Gen. Rd. For. Eng.....Charlotte, N. C

ROAD FOREMEN OF ENGINES.

A. G. Akans.....Knoxville, Tenn
G. A. Broady.....Spencer, N. C
D. C. Dickert.....Bristol, Va
R. F. Ellington.....So. Richmond, Va
R. B. Elliott.....Asheville, N. C
W. M. Gaines.....Atlanta, Ga
E. M. Hicks.....Greensboro, N. C
H. B. Kitchen.....Columbia, S. C
F. A. Metler.....Spencer, N. C
W. E. Preston.....Knoxville, Tenn
J. M. Sink.....Spencer, N. C
L. C. Thompson.....Alexandria, Va
W. R. Tomlinson.....Knoxville, Tenn

J. O. Johnson, Supt. Car Shops.....Spartanburg, S. C

SHOP SUPERINTENDENTS.

G. F. Tipton.....Knoxville, Ten
H. C. Trexler.....Spencer, N.

GENERAL FOREMEN.

M. R. Brockman.....Asheville, S.
H. W. Burkheimer.....Bullsgap, Ten
J. P. Cargill.....Spartanburg, S.
J. M. Frick.....Greensboro, N.
W. C. Houchins...Winston-Salem, N.
E. V. Landis.....Durham, N.
H. B. Nabors.....Alexandria, V.
J. C. Parrish.....Charlotte, N.
Z. F. Perkinson.....Danville, V.
O. Small.....Greenville, S.
M. Spiro.....Harrisburg, V.
E. W. Thomas..... { Hamburg, S. C / P. O. Clearwater
J. W. Turner.....Pinners Point, V.
F. T. Walden.....Selma, N.
J. W. White.....Rock Hill, S.
W. E. Worden (Frt. Car Dept.)..... { Hayne, S. C., / P. O. Saxon Mill

GENERAL FOREMEN CAR REPAIRS.

W. L. Cash.....Bristol, Va
J. H. Dunning.....Charleston, S. C
J. W. Dunning.....Columbia, S. C
J. E. McCormick (Asst.)..Spencer, N.C
R. J. Overton..... "
B. F. Patram.....Richmond, Va
J. W. Puckett.....Alexandria, Va
C. C. Strohecker.....Lawrenceville, Va
J. A. Linn.....Knoxville, Tenn

O. H. Bradbury, Air Brake Instructor.....Charlotte, N. C

FOREMEN PAINTERS.

T. F. Aughtry.....Columbia, S. C
J. H. Bayliss.....Alexandria, Va
J. S. Brown.....Bristol, Va
C. L. Gattman.....Charleston, S. C
J. S. Gilmer.....Knoxville, Tenn
A. L. Lyons.....Richmond, Va
H. T. McCubbins.....Spencer, N. C

H. B. Weisgarber... { Hayne, S. C., / P. O. Saxon Mills

ENGINEERING, BRIDGES & ROADWAY

G. L. Sitton, Ch. Eng. M. W., & Struct..... { Charlotte, / N. C.
J. S. Lemond, Asst. Ch. Eng. Maint. Way & Struct. "
T. S. Boswell, Asst. to Ch. Eng. Maint. Way & Struct. "
H. C. Libby, Eng. of Brdgs... "
E. F. Croxson, Asst. Eng. Brdgs. "
H. J. Haar, Jr., Office Eng.... "
E. Kimmel, Asst. Arch..... "
J. A. Maxwell, Insp. of Maint... "

ENGINEERS MAINTENANCE OF WAY.

G. P. Asbury.....Danville, Va
G. E. Buckley.....Charlotte, N. C
J. A. Killian.....Knoxville, Tenn

ASSISTANT ENGINEERS MAINTENANCE.

H. T. Arthur.....Knoxville, Tenn
E. S. Birkenwald.....Charlotte, N. C
W. B. Brown..... "
O. D. Colaw.....Greensboro, N. C
E. S. Davis.....Knoxville, Tenn
R. A. M. Deal.....Charlotte, N. C
A. H. Graham.....Danville, Va
N. O. Head.....Charlotte, N. C
F. P. Holbrook.....Knoxville, Tenn

SOUTHERN—Continued.

927a—Lines East—Continued.

ASST. ENG. MAINTENANCE—CONT'D.

E. G. Kittles.....Charlotte, N. C
S. N. Knox..... "
F. V. Maxton..... "
J. A. Moir.....Danville, Va
W. T. Mosher.....Knoxville, Tenn
J. K. Neff.....Charlotte, N. C
O. Parati..... "
O. C. Rabbitt..... "
R. T. Rumbold.....Danville, Va
T. Speiden..... "
J. J. Still, Jr.....Knoxville, Tenn
J. G. Todd.....Danville, Va
J. S. Wearn.....Knoxville, Tenn
H. Whitesides.....Danville, Va
J. F. Zigler.....Charlotte, N. C

JUNIOR ENGINEERS MAINTENANCE.

J. W. Bauer.....Knoxville, Tenn
C. K. Carter, Jr.....Danville, Va
M. A. Evans..... "
S. B. Jack.....Knoxville, Tenn
J. W. Kidd.....Charlotte, N. C
J. M. Killian.....Knoxville, Tenn
H. M. Lilly.....Danville, Va
R. H. Martindale..... "
L. F. Moore.....Charlotte, N. C
W. J. Verner.....Knoxville, Tenn
I. M. Whisnant.....Charlotte, N. C
A. H. Workman.....Danville, Va

SUPERVISORS BRIDGES AND BUILDINGS.

M. M. Carmody.....Bristol, Va
R. E. Connor.....Spartanburg, S. C
J. M. Cothran.....Rock Hill, S. C
T. W. Deal (Asst.).....Asheville, N. C
A. E. Eschman.....Knoxville, Tenn
J. Goodman.....Winston-Salem, N. C
C. B. Harris (Asst.).....Alexandria, Va
G. G. Hewitt.....Greensboro, N. C
S. D. Johnson.....Knoxville, Tenn
C. L. Mauney.....Columbia, S. C
J. L. Mauney.....Greenville, S. C
R. E. Price.....Knoxville, Tenn
W. W. Reister.....Asheville, N. C
G. W. Welker.....Alexandria, Va
A. A. Wells.....Winston-Salem, N. C
B. O. Wooley (Asst).....Gainesville, Ga

T. D. Kemp, Brdg. Insp. Charlotte, N. C

ROAD MASTERS.

C. W. Anderson.....Greensboro, N. C
D. A. Ballenger.....Greenville, S. C
J. H. Blackwell.....Asheville, N. C
J. M. Boles (Asst.).....Strasburg, Va
I. B. Clontz.....Charleston, S. C
J. R. Fowlkes.....Columbia, S. C
N. L. Hall.....Winston-Salem, N. C
J. W. Jones.....Norfolk, Va
T. F. King.....Spartanburg, S. C
W. E. Midkiff.....Alexandria, Va
N. W. Moore (Asst.)...Knoxville, Tenn
S. H. Morgan..... "
J. E. Platt..... "
T. E. Sharpe.....Greenville, S. C
C. T. Vance (Asst.).....Asheville, N. C
W. H. Walden.....Richmond, Va
J. W. Wampler.....Bristol, Va
J. E. Wyrick.....Knoxville, Tenn

TRACK SUPERVISORS.

R. J. Balse.....Chester, S. C
A. R. Bookout.....Charlotte, N. C
J. W. Bostian.....Mooresville, N. C
J. L. Bowie.....Donalds, S. C
F. M. Brown.....Gate City, Va
J. T. Bruffy.....Lynchburg, Va
J. H. Burney.....Orangeburg, S. C
E. L. Byrd.....Rural Hall, N. C
T. R. Bywaters.....Manassas, Va
J. R. Cansler.....Morristown, Tenn
M. A. Carson.....Gastonia, N. C
E. K. Coggins.....Knoxville, Tenn
J. H. Daniel.....Stovall, N. C
L. David.....Appalachia, Va
T. L. Dillard.....Spartanburg, S. C
W. T. Dobyns.....Cleveland, Tenn
M. Duncan.....Blackville, S. C
A. D. Flowers.....Lawrenceville, Va
C. C. Fowlkes.....Reidsville, N. C
R. A. Griffin.....Gainesville, Ga
T. H. Guinn.....Winston-Salem, N. C
R. E. Hardin.....Blacksburg, S. C
C. H. Hazelwood.....Hot Springs, N. C
S. G. Henley.....Bluff City, Tenn
T. L. Jeter.....Richmond, Va
R. H. Johnston.....Emporia, Va
W. C. Kidwell.....Knoxville Tenn
J. D. Leonard.....Greensboro, N. C
J. B. Lilly.....Clinton, Tenn
A. Lyon.....Coal Creek, Tenn
W. B. Marshall.....Greensboro, N. C
G. T. May.....Culpeper, Va
O. L. Miller.....Greenville, S. C
Z. L. Mobley.....Hendersonville, N. C
E. F. Moore.....Keysville, Va
J. S. Moore.....Charleston, S. C
J. W. Price.....Johnson City, Tenn
M. T. Roberts.....Hickory, N. C
F. F. Scoggin.....East Durham, N. C
B. M. Smith.....Asheville, N. C
E. E. Smith.....Batesburg, S. C
E. H. Smith.....Columbia, S. C
H. H. Stine.....Salisbury, N. C
H. N. Taylor.....Charlottesville, Va
C. S. Walker.....Union, S. C
W. F. Walker.....Toccoa, Ga
T. R. Watson.....Greenville, S. C
R. W. Young.....Rock Hill, S. C

SIGNAL AND ELECTRICAL.

J. B. Lamb, Sig. & Elec. Eng. } Charlotte,
J. P. Muller, Ch. Sig. & Elec. } N. C.
Insp..... "

SIGNAL SUPERVISORS.

W. O. Junker.....Charlotte, N. C
T. McDermott.....Lynchburg, Va
T. E. Murphy.....Orange, Va
M. A. Otterbourg....Morristown, Tenn
S. Sherard.....Gainesville, Ga

927b—Lines West.

3,912 Mls. (Mileage also included in Southern Ry. System, No. 937.)

OPERATING.

J. H. Stanfiel, Gen. Mgr...Cincinnati, O
W. J. Edwards, Asst. to Gen. Mgr.....Birmingham, Ala

GENERAL SUPERINTENDENTS.

C. Chandler.....Chattanooga, Tenn
B. G. Fallis.....St. Louis, Mo
D. B. Nolan.....Macon, Ga
H. H. Vance.....Birmingham, Ala

SOUTHERN—Continued.

927b—Lines West—Continued.

SUPERINTENDENTS.

J. C. Austin.....Birmingham, Ala
J. G. Clements.....Atlanta, Ga
H. A. DeButts (G. S. & F.)... Macon, Ga
H. G. Farrar (Asst.).....Columbus, Ga
B. F. Langford.....Selma, Ala
J. T. Moon (N. O. & N. E.) Hattiesburg, Miss
J. W. Payne.....Sheffield, Ala
R. C. Reid (A. G. S.) Birmingham, Ala
T. M. Rodes (H. & N. E.) Harriman, Tenn
J. F. Sheridan.....Louisville, Ky
J. N. Winston (Asst.).....Sheffield, Ala
L. H. Woodall (C. N. O. & T. P) Somerset, Ky

TERMINAL SUPERINTENDENTS.

E. S. Bowling.....Cincinnati, O
C. P. Chambers.....New Orleans, La
J. Fritz.....East St. Louis, Ill
A. J. May .....Chattanooga, Tenn
W. W. Waits.....Atlanta, Ga
R. F. Watts.....Birmingham, Ala
J. W. Whittaker.....Jacksonville, Fla

C. M. Mitchell, Gen. Supt. Transp.....Cincinnati, O
W. S. Melton, Supt. Tel.... "

TRAFFIC.

G. H. Kerr, Frt. Traf. Mgr..Cincinnati, O

ASSISTANT FREIGHT TRAFFIC MANAGERS

K. B. Hannigan.....St. Louis, Mo
C. A. Russell.....Memphis, Tenn
W. T. Turner.....Birmingham, Ala

F. S. Reigel, G. F. A.... Cincinnati, O

ASSISTANT GENERAL FREIGHT AGENTS.

A. W. Gill .....Cincinnati, O
W. Humphreys.....New Orleans, La
C. D. Thomas.....Cincinnati, O

E. N. Aiken, G. P. A.....Cincinnati, O
E. G. Erwin, Asst. G. P. A.. "

MECHANICAL.

F. Johnson, Supt. M. P....Cincinnati, O

MASTER MECHANICS.

E. L. Akans.....Atlanta, Ga
J. S. Breyer.....Meridian, Miss
W. B. Bunn.....Princeton, Ind
W. H. Dooley.....Ludlow, Ky
H. E. Dyke.....Sheffield, Ala
T. E. Gary (Asst.) ....Birmingham, Ala
C. E. Keever..... "
J. B. Michael.....Selma, Ala
L. C. Schults.....Chattanooga, Tenn
J. Stockton.....New Orleans, La
H. G. Stubbs.....Macon, Ga
J. A. Wilking.....Somerset, Ky

ROAD FOREMEN OF ENGINES.

L. Beall.....Selma, Ala
E. J. Frazer.....Birmingham, Ala
J. E. Hardy..... "
T. F. Hicks.....Chattanooga, Tenn
H. T. Jefferies.....Louisville, Ky
G. O. Lott .....Macon, Ga
F. E. Meixner.....Princeton, Ind
J. J. Neville (Asst.).....Atlanta, Ga
J. Offutt.....Somerset, Ky
R. M. Pearce.....Atlanta, Ga
G. W. Pruitt ..... "
T. W. Rohan.....Ludlow, Ky
J. P. Russell.....Sheffield, Ala

ROAD FOREMEN OF ENGINES—CONT'D.

J. Sims.....Birmingham, Ala
J. T. Terry.....Hattiesburg, Miss
J. W. Turnipseed.....Birmingham, Ala

E. B. Shehee, Air Brake Instructor .....Birmingham, Ala

GENERAL FOREMEN.

F. L. Brower.....Jasper, Ala
J. A. Cassady.....East St. Louis, Ill
C. F. Craft..... Inman Yards, Ga., P. O. Atlanta
J. F. Gorman.....Memphis, Tenn
C. A. Hooker.....Chattanooga, Tenn
J. E. McCormack.....Macon, Ga
M. L. McNair.....Princeton, Ind
E. O. Miller.....Danville, Ky
E. D. Putnam.....Selma, Ala
J. J. Ramsey.....Valdosta, Ga
T. B. Reams.....Somerset, Ky
H. B. Rosenstein.....Meridian, Miss
W. H. Sasser.....Rome, Ga
W. B. Skipworth.....Columbus, Ga
C. L. Steiner.....Brunswick, Ga
H. W. Strolin.....Huntingburg, Ind
H. C. Swanson.....Birmingham, Ala
H. R. Tindall.....Oakdale, Tenn
G. A. Weitzel.....Sheffield, Ala
H. G. White.....Atlanta, Ga

GENERAL FOREMEN CAR REPAIRS.

C. F. Allen.....Sheffield, Ala
J. N. Baskin.....Ludlow, Ky
J. J. Gainey (Insp.).....Cincinnati, O
G. A. Goodyear.....Meridian, Miss
G. A. Harris.....Chattanooga, Tenn
J. L. Harter.....Birmingham, Ala
W. M. House.....Princeton, Ind
J. T. Markham.....Atlanta, Ga
A. T. Mauldin.....Selma, Ala
W. T. McDonald.....Macon, Ga

FOREMEN PAINTERS.

F. D. Deal.....Macon, Ga
W. B. Franklin.....Princeton, Ind
J. M. Gilmore.....Birmingham, Ala
J. Justis.....Atlanta, Ga
L. Klick.....Ludlow, Ky
C. E. LeFort.....Somerset, Ky
J. H. Neal.....Meridian, Miss
J. L. Scott.....Chattanooga, Tenn

ENGINEERING, BRIDGES & ROADWAY

A. A. Woods, Ch. Eng., Maint. of Way & Struct.....Cincinnati, O
G. H. Gilbert, Eng. Brdgs..... "
A. Ritter, Asst. Arch..... "

ENGINEERS MAINTENANCE OF WAY

R. Hayes.....Chattanooga, Tenn
J. S. Sharp.....Macon, Ga
R. D. Tobien.....Birmingham, Ala
H. E. Tyrrell.....St. Louis, Mo

ASSISTANT ENGINEERS MAINTENANCE.

J. W. Barrie.....Birmingham, Ala
J. F. Barron.....Macon, Ga
S. J. Buckley.....Birmingham, Ala
T. Crawford.....Macon, Ga
G. H. Echols..... "
J. Gallagher.....Birmingham, Ala
V. J. Lipp.....St. Louis, Mo
J. J. Marshall.....Macon, Ga
G. H. Miller.....Chattanooga, Tenn
F. D. Niemes.....Cincinnati, O

SOUTHERN—Continued.

927b—Lines West—Continued.

ASST. ENG. MAINTENANCE—CONT'D.

A. W. Owen.....Cincinnati, O
S. P. Robinson.....Chattanooga, Tenn
N. A. Schutz.....Birmingham, Ala
A. C. Sheldon.....Chattanooga, Tenn
C. M. Simmons.....Macon, Ga
G. Story.....Cincinnati, O
J. F. Whiteside..... "
F. Wrammelmeier..... "

JUNIOR ENGINEERS MAINTENANCE.

W. P. Cates.....Birmingham, Ala
L. B. Craig.....St. Louis, Mo
L. C. Crissinger.....Cincinnati, O
J. R. Kelly..... "
A. W. Meacham..... "
J. G. Morgan..... "
A. W. Stone.....Chattanooga, Tenn

SUPERVISORS BRIDGES AND BUILDINGS.

E. L. Cochran.....Atlanta, Ga
W. J. Dunaway.....Wilton, Ala
J. L. Gass.....Selma, Ala
J. Haynes.....Sheffield, Ala
J. A. Johnson.....Atlanta, Ga
J. H. Johnson.....Birmingham, Ala
J. W. Johnson.....Sheffield Ala
N. B. Johnson.....Valdosta, Ga
R. J. Jones.....Birmingham, Ala
I. J. Newsome..... "
J. J. Steadham.....Hattiesburg, Miss
J. B. Teaford.....Louisville, Ky
E. Veith.....Princeton, Ind
G. T. Washington.....Somerset Ky
F. J. Conn, Bridge Insp.Lexington, Ky
J. R. Murray, Bridge Insp.....Birmingham, Ala

ROAD MASTERS.

L. D. Beatty (Asst.).....Louisville, Ky
E. Bennett.....Hattiesburg, Miss
A. P. Bradley.....Atlanta, Ga
G. Jenkins.....Sheffield, Ala
H. A. Metcalfe.....Birmingham, Ala
C. J. Murphy.....Louisville, Ky
M. W. Self.....Somerset, Ky
N. H. Self.....Birmingham, Ala
S. E. Sims.....Selma, Ala
J. A. Walker.....Valdosta, Ga
J. H. Waters.....Sheffield, Ala

TRACK SUPERVISORS.

H. G. Anderson.....Jacksonville, Fla
F. Anson.....Georgetown, Ind
W. L. Bell.....Nicholasville, Ky
J. L. Biddy.....Macon, Ga
J. N. Biddy.....Atlanta, Ga
F. G. Birkla.....Lawrenceburg, Ky
S. F. Carper.....Rome, Ga
J. L. Connelly.....Cochran, Ga
B. Correll.....Birmingham, Ala
H. T. Davis.....Wilton, Ala
J. T. Davis.....Valdosta, Ga
W. T. Dunaway.....Marion Jct., Ala
C. R. Gates.....Birmingham, Ala
M. Grice.....Picayune, Miss
S. Hinton.....Tuscaloosa, Ala
S. B. Hinton.....Attalla, Ala
O. L. Hitchcock.....Birmingham, Ala
R. C. Holland.....Oakman, Ala
W. K. Holland.....Corinth, Miss
A. C. Johnson.....Oakdale, Tenn

TRACK SUPERVISORS—CONTINUED.

G. Kidd.....Dayton, Tenn
H. Knight.....Belleville, Ill
U. H. Lawler.....Tallapoosa, Ga
W. A. Long.....Selma, Ala
H. McClendon.....Williamson, Ga
R. B. Moore.....Haleyville, Ala
W. C. Morris.....Lawrenceburg, Ky
J. W. Murphy.....Jesup, Ga
C. E. Price.....Chattanooga, Tenn
H. L. Sanders.....Oxford, Ala
D. S. Scott.....Valdosta, Ga
F. H. Sims.....Birmingham, Ala
E. Smith.....Laurel, Miss
W. E. Smith.....Austell, Ga
W. Spurgeon.....Sheffield, Ala
W. A. Stewart.....Forrest, Tenn / P. O. Bunlyn
T. N. Stokes.....Jackson, Ala
L. A. Stonecipher....Huntingburg, Ind
N. Strunk..... Erlanger, Ky., / P. O. Covington
S. A. Taylor.....Boonville, Ind
J. T. Townsend.....McDonough, Ga
C. Trusty.....Somerset, Ky
J. D. Wallace.....Williamson, Ga
J. M. Walley.....New Orleans, La
C. C. Wetzel.....Princeton, Ind
A. Winn.....Danville, Ky
A. Williams.....Huntsville, Ala
G. M. Williams.....Mt. Vernon, Ill

SIGNAL AND ELECTRICAL.

L. C. Walters, Sig. & Elec. Eng.....Cincinnati, O
C. D. Rex, Ch. Sig. & Elec. Insp..... "

SIGNAL SUPERVISORS.

C. B. Behnke.....Slidell, La
W. C. Brown.....Birmingham, Ala
B. F. Furman.....Oakdale, Tenn
R. T. Hinds.....Atlanta, Ga
C. F. Jones.....Lexington, Ky
J. L. Linn.....Birmingham, Ala

928—

929—SOUTHERN ILLINOIS RY. & POWER CO. (Electric).

15 Mls, Cars: 25 Frt, 8 Pass

Springfield address, Public Service Bldg

M. E. Sampsell, Pres.....Chicago Ill
J. P. Clayton, V.-Pres....Springfield, Ill
L. J. Clark, Sec.....Chicago, Ill
J. L. Gray, Gen. Aud....Springfield, Ill
C. E. Cripe, Treas..... "
F. L. Shimer, Gen. Supt.....Marion, Ill
★§✪ A. H. Favreau, Supt..Harrisburg, Ill
¶ D. R. Truax, Pur. Agt....Springfield, Ill
J. D. Roberts, Ch. Eng... "

929a—SOUTHERN NEW YORK RY., INC. (Electric).

60 Mls, 7 Loco, Cars: 40 Frt, 6 Pass, 7 Misc

New York address, 33 Liberty St.

J. I. Mange, Pres.....New York, N. Y
¶✪ A. J. Stratton, Gen. Mgr... Oneonta,
M. L. Whitcombe, Asst. Treas. N. Y.
F. D. Conklin, G. F. & P. A... "
J. L. Ward, Asst. G. F. & P. A. "
✠G. F. Tracy, Supt..... "
R. Ward, M. M.....Hartwick, N. Y
C. A. Greenidge, Ch. Eng. New York, N. Y

929x—SOUTHERN PACIFIC SYSTEM.

360—Galveston, Harrisburg & San Antonio R. R.
421—Houston & Texas Central R. R.
423—Houston East & West Texas Ry. & Houston & Shreveport R. R.
427—Iberia & Vermilion R. R.
501—Lake Charles & Northern R. R.
548—Louisiana Western R. R. Co.
651—Morgan's Louisiana & Texas R. R. & S. S. Co.
664—Nacozari R. R.
930—Southern Pacific Co.—Pacific Sys.
930a-Southern Pacific R. R. Co. of Mexico.
931—Southern Pacific Lines—Louisiana Lines.
931a-Southern Pacific Lines—Texas Lines.
963—Texas & New Orleans R. R. Co.

930—SOUTHERN PACIFIC COMPANY.

8,770 Mls, 3 & 4.8½ G, 1,780 Loco, Cars: 52,202 Frt, 1,875 Pass, 4,477 Misc

Chicago address, 310 So. Michigan Blvd.
New York address, 165 Broadway.
San Francisco address, 65 Market Street.

EXECUTIVE, FINANCIAL AND LEGAL.

H. W. deForest, Ch. Exec. Com. ..... New York, N. Y
A. D. McDonald, V.-Ch. Ex. Com. ..... "
M. J. Wise, Asst. to V.-Chman ..... "
W. Sproule, Pres. ..... San Francisco, Cal
P. Shoup, Exec. V.-Pres. "
T. M. Schumacher, V.-Pres. (Traf.) ..... Chicago, Ill
F. H. Plaisted, Asst. to V.-Pres. (Traf.) ..... "
C. T. Collett, Asst. to V.-Pres. (Traf.) ..... "
A. P. Bartlett, Asst. to V.-Pres. (Traf.) ..... "
L. J. Spence, Exec. Officer. New York, N. Y
W. A. Worthington, V.-Pres. ..... San Francisco, Cal
Hugh Neill, V.-Pres. & Sec. New York, N. Y
W. F. Herrin, V.-Pres. & Ch. Coun. ..... San Francisco, Cal
W. F. Bull, Asst. Sec. ..... New York, N. Y
G. L. King, Asst. Sec. San Francisco, Cal
J. P. Blair, Gen. Coun. New York, N. Y.
G. M. Buck, Asst. Coun. "
A. K. Van Deventer, Treas. "
C. M. Scott, Asst. Treas. San Francisco, Cal
G. M. Thornton, Treas. New York, N. Y
J. A. Simpson, Asst. Treas. "
¶ F. W. Mahl, Gen. Pur. Agt. ..... San Francisco, Cal
C. R. Harding, Eng. Standards ..... "
G. W. Mulks, Controller. New York, N. Y
H. B. Johnson, Asst. Cont. "
F. Van Note, Asst. Cont. "
T. O. Edwards, Gen. Aud. ..... San Francisco, Cal
J. R. Bell, Com., Valua. Coun. & Gen. Atty. ..... Washington, D. C.
C. Franklin, Gen. Atty. New York, N. Y
G. H. Muckley, Asst. Gen. Atty. ..... Washington, D. C

VALUATION DEPARTMENT.

W. F. Herrin, V.-Pres. & Ch. Coun. ..... San Francisco, Cal
J. R. Bell, Com., Valua. Coun. & Gen. Atty. . Washington, D. C
G. E. B. Welles, Valua. Off. ... "
E. D. Woodruff, Valua. Eng "

Pacific Lines.

✪ P. Shoup, Exec. V.-Pres. } San Francisco, Cal.
F. Mulks, Asst. to Exec. V.-Pres. ..... "

LAW, LAND AND TAX DEPARTMENTS.

G. V. Shoup, Gen. Solr. ..... } San Francisco, Cal
J. E. Newman, Clms. Atty. .
D. V. Cowden, Tax Atty. ..... "
W. M. Singer, Contr. Atty. ... "
B. A. McAllaster, Land Comr. . "

ACCOUNTING.

T. O. Edwards, Gen. Aud. ... } San Francisco, Cal
R. Adams, Asst. Gen. Aud. ..
A. L. Hawley, Asst. Gen. Aud. "

AUDITORS.

W. H. Dewey (Equip. Serv. Accts.) ..... } San Francisco, Cal
O. F. Giffin (Pass. Accts.) ..... "
E. Hickman (Misc. Accts.) ..... "
J. Kennedy (Disb.) ..... "
F. L. McCaffery ..... "
F. W. Pope (Frt. Accts.) ..... "
J. F. Wolfenden (Valua.) ..... "

ASSISTANT AUDITORS.

C. E. Fellows (Frt. Accts.) } San Francisco, Cal.
C. B. Friend (Disb.) .....
G. W. McElwain (Pass. Accts.) "
A. L. Wilson (Disb.) ..... "

TRAFFIC.

T. M. Schumacher, V.-Pres. . Chicago, Ill
F. H. Plaisted, Asst. to V.-Pres. "
C. T. Collett, Asst. to V.-Pres. "
O. P. Bartlett, Asst. to V.-Pres. "

PASSENGER.

F. S. McGinnis, Pass. Traf. Mgr. ..... San Francisco, Cal

ASST. PASSENGER TRAFFIC MANAGERS.

F. C. Lathrop ..... San Francisco, Cal
C. L. McPaul ..... Los Angeles, Cal
J. M. Scott ..... Portland, Ore
G. King, Asst. to Pass. Traf. Mgr. ..... San Francisco, Cal
F. S. Howard, Asst. to Pass. Traf. Mgr. "
E. Fox, Asst. Traf. Mgr. ... El Paso, Tex

GENERAL PASSENGER AGENTS.

E. J. Fenchurch ..... Tucson, Ariz
N. Kinell ..... San Francisco, Cal
J. D. Mason ..... El Paso, Tex
J. A. Ormandy ..... Portland, Ore
F. E. Watson ..... Los Angeles, Cal

ASST. GENERAL PASSENGER AGENTS.

J. Hellen ..... Los Angeles, Cal
H. D. McGregor ..... El Paso, Tex
L. Richardson ..... San Francisco, Cal
C. W. Stinger ..... Portland, Ore
E. E. Wade ..... San Francisco, Cal
E. B. Carson, Gen. Bag. Agt. } San Francisco, Cal.
E. B. Crandall, Asst. G. B. A.
A. Pollok, Mgr. Din. Cars, Hot. & Rest. ..... "

930—SOUTHERN PACIFIC—Continued.

ASST. MANAGERS DIN. CARS, HOT. & RES.

H. A. Butler.....West Oakland, Cal
S. M. Estabrook.....San Francisco, Cal
C. R. Walsh.....Los Angeles, Cal

FREIGHT.

G. W. Luce, Frt. Traf. Mgr.....San Francisco, Cal

ASST. FREIGHT TRAFFIC MANAGERS.

E. W. Clapp.....San Francisco, Cal
H. A. Hinshaw ..... "
J. H. Mulchay .....Portland, Ore
J. T. Saunders.....Los Angeles, Cal

E. Fox, Asst. Traf. Mgr....El Paso, Tex

GENERAL FREIGHT AGENTS.

W. C. Barnes.....El Paso, Tex
E. J. Fenchurch.....Tucson, Ariz
H. C. Hallmark.....San Francisco, Cal
W. F. Miller.....Portland, Ore
F. E. Scott.....Los Angeles, Cal

ASST. GENERAL FREIGHT AGENTS.

C. M. Andrews.....Portland, Ore
G. J. Blech.....San Francisco, Cal
M. A. Cummings..... "
W. S. Dawson..... "
J. L. Fielding.....El Paso, Tex
A. A. Johnson.....San Francisco, Cal
H. W. Klein..... "
L. C. Zimmerman.... Los Angeles Cal

W. C. Fitch, Frt. Clm. Agt.. } San Fran-
J. R. Nixon, Asst. Frt. Clm. } cisco, Cal
Agt..... "
E. M. Bridgman, Asst. Frt. Clm. Agt.....Los Angeles, Cal
E. F. Anderson, Asst. Frt. Clm. Agt.....El Paso, Tex
R. G. Fagan, Supt. Frt. } San Francisco
Prot..... } Cal
W. P. Ballard, Gen. Ind. Agt..... "
A. K. Frye, Ind. Agt.....
C. R. Smurr, Ind. Agt..Los Angeles, Cal
C. M. Biggs, Ind. Agt....Portland, Ore
C. J. McDonald, Supt. Persn. } San Fran-
Frt. Serv..... } cisco, Cal
P. R. Mott, Forn. Frt. Agt.... "

H. P. Thrall, Mail & Exp. Traf. Mgr....San Francisco, Cal

OPERATING.

J. H. Dyer, Gen. Mgr..... } San Fran-
F. L. Burckhalter, 1st Asst. } cisco, Cal
Gen. Mgr..... "
T. Ahern, Asst. Gen. Mgr. Sacramento, Cal
A. E. Sweet, Asst. Gen. Mgr..El Paso, Tex
T. H. Williams, Asst. Gen. Mgr.....Los Angeles, Cal

ASSISTANTS TO GENERAL MANAGER.

V. S. Andrus.....San Francisco, Cal
R. J. Clancy..... "
A. J. Hancock..... "
R. McIntyre..... "

J. J. Jordan, Asst. Supt.....San Francisco, Cal

DIVISION SUPERINTENDENTS.

A. F. Bowles.....Bakersfield, Cal
C. F. Donnatin.....Ogden, Utah
H. S. Fairbank.....Tucson, Ariz
J. W. FitzGerald.....Dunsmuir, Cal
G. E. Gaylord.....Los Angeles, Cal
W. L. Hack..... .....Sacramento, Cal
E. L. King.....Portland, Ore
J. C. McPherson.....Oakland, Cal
L. U. Morris.....El Paso, Tex
C. M. Murphy..... "
T. F. Rowlands.....Oakland Pier, Cal
W. Wilson.....Stockton, Cal
F. M. Worthington..San Francisco, Cal

ASSISTANT DIVISION SUPERINTENDENTS.

E. R. Anthony.....San Francisco, Cal
C. D. Beeth.....Douglas, Ariz
J. D. Brennan.....Dunsmuir, Cal
B. A. Campbell.....Oakland Pier, Cal
H. A. Culp.....Los Angeles, Cal
H. R. Gerrreich..... "
J. C. Goodfellow.....Phoenix, Ariz
L. C. Gram.....Roseburg, Ore
W. B. Kirkland.....El Paso, Tex
C. W. Martyn..... .....Portland, Ore
W. H. Norton.....Oakland Pier, Cal
F. C. Smith.....Ogden, Utah
L. R. Smith.....Stockton, Cal
W. M. Stillman.....Sacramento, Cal
D. S. Weir.....Bakersfield, Cal
H. W. Wistner.....Sparks, Nev

R. L. Ruby, Supt. Trans.....San Francisco, Cal

SUPERVISORS OF TRANSPORTATION.

T. R. Baird (Dist.),....Sacramento, Cal
L. Kocher (Dist.).....Los Angeles, Cal
T. B. Wilson.....San Francisco, Cal

A. W. Flanagan, Supt. Tel.. } San Fran-
W. R. Birt, Asst. Supt. Tel.. } cisco, Cal
S. A. Pope, Supvr. Time Service..... "
P. Slater, Supvr. Wage Schedules "
C. F. Heath, Supt. Steamers.. "

Dr. F. K. Ainsworth, Ch. Surg } San Fran-
& Mgr. Hospital Dept..... } cisco, Cal

PURCHASING AND STORES.

¶F. W. Mahl, Gen. Pur. } San Francisco,
Agt..... } Cal.
F. W. Taylor, Pur. Agt.. "
G. M. Betterton, Asst. Pur. Agt..... "
M. M. Moffitt, Asst. Pur. Agt. Portland, Ore
E. Burke, Material Sales } San Fran-
Agt..... } cisco, Cal.
R. L. France, Lumber and Fuel Agt..... "
J. M. Specht, Tie Agt. ..Portland, Ore
R. C. Kirkham, Sta..San Francisco, Cal
A. S. McKelligon, Gen. Str. Kpr ..... "
E. Harty, Asst. Gen. Str. Kpr..... "

DISTRICT STORE KEEPERS.

H. W. Concannon ..West Oakland, Cal
J. C. Neph (Asst)..... El Paso, Tex
L. G. Pearson..... "

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York • Chicago

930—SOUTHERN PACIFIC—Continued.

DISTRICT STORE KEEPERS—CONTINUED

V. R. Plank (Sta.)...West Oakland, Cal
E. H. Polk.....Sacramento, Cal
C. H. Thompson.....Los Angeles, Cal

DIVISION STORE KEEPERS.

J. F. Brown.....Ogden, Utah
H. P. Buchenery.....Tucson, Ariz
F. N. Dobbs..... Brooklyn, Ore / P.O., Portland
F. L. Doss.....Bakersfield, Cal
F. D. Franke.....West Alameda, Ca
C. L. Hawley (Asst.).....Sparks, Nev
C. S. Jones.....Tracy, Cal
J. W. Kelso (Asst.).....Portland, Ore
F. C. Kramp..... Bay Shore Stores, / San Francisco, Cal
V. R. Naylor.....Sacramento, Cal
J. Neph.....Los Angeles, Cal
C. J. Pearce.....Dunsmuir, Cal
W. I. Short.....Oakland Pier, Cal

J. E. Peery, Trav. Str. Kpr.. San Fran / cisco, Cal
E. J. Becker, Gen. Insp. Strs. & Supply Train Serv..... "
A. Schipper, Strs. Insp..... "
C. C. Caldwell, Supt. Woodwork Mill...West Oakland, Cal

MECHANICAL.

G. McCormick, Gen. Supt. M. P..... San Francisco, Cal
G. B. Hart, Asst. to Gen. Supt. M. P..... "

SUPERINTENDENTS MOTIVE POWER.

R. U. Lipscomb.....El Paso, Tex
O. B. Schoenky.....Los Angeles, Cal
A. D. Williams.....Sacramento, Cal

F. E. Russell, Mech. Eng.... San Fran / cisco, Cal.
D. Wood, Eng. Tests..... "
E. B. Dailey, Eng. Car Constr. "
E. A. Gilbert, Gen. Mast. Car Rep. "
L. S. Ayer, Gen. A. B. Insp... "
G. B. VonBoden, Oil Burn. Insp. "

MASTER MECHANICS.

C. Bess.....Dunsmuir, Cal
A. F. Burke.....Tucson, Ariz
C. R. Burroughs.. Bay Shore, Cal. / P. O. San Francisco
C. L. Gibson..... Brooklyn, Ore / P.O. Portland
E. Gordon.....Tucumcari, N. M
F. C. Keim.....West Oakland, Cal
H. J. McCracken.....Tracy, Cal
F. P. McDonald.....Los Angeles, Cal
L. A. Mitchell (Elec)..West Alameda, Cal
L. S. Pratt.....Roseville, Cal
W. G. Reid.....El Paso, Tex
J. Shelaberger.....Bakersfield, Cal
J. E. Stone.....Ogden, Utah

ASSISTANT MASTER MECHANICS.

G. Hammond..... Brooklyn, Ore / P.O. Portland
J. J. Keller.....Sparks, Nev
J. T. Slaven..... Bay Shore, Cal / P.O. San Francisco
A. B. Wilson.....W. Oakland, Cal

ROAD FOREMEN OF ENGINES.

S. H. Bray.....Bakersfield, Cal
J. Davis.....Ogden, Utah
W. C. Davis.....Dunsmuir, Cal
W. G. Fifield (Asst.)..San Francisco, Cal

ROAD FOREMEN OF ENGINES—CONT'D.

G. L. Flint.....Portland, Ore
C. A. Fogus.....Sacramento, Cal
G. C. Graydon.....Tucson, Ariz
C. H. Holdredge (Dist.) Los Angeles, Cal
M. L. Hull.....Tucumcari, N. M
G. B. Jefferis.....Tracy, Cal
J. R. Johnston.....Sparks, Nev
F. E. Keenan (Dist.)...Sacramento, Cal
G. H. Kilborn.....Roseburg, Ore
M. I. King.....San Luis Obispo, Cal
F. La Fond.....Los Angeles, Cal
A. G. Newell.....El Paso, Tex
W. R. Parker.....West Oakland, Cal
J. B. Starbuck.....Roseville, Cal
F. G. Toates (Asst.)....Los Angeles, Cal

SUPERINTENDENTS SHOPS.

H. H. Carrick.....Los Angeles, Cal
M. J. Gunther.....El Paso, Tex
H. C. Venter.....Sacramento, Cal

A. H. Hoffman, Asst. Gen. A. B. Insp.....Los Angeles, Cal
J. J. Hack, Eng. Train Lighting.....West Oakland, Cal

GENERAL FOREMEN LOCOMOTIVE SHOPS.

D. Adamson.....Los Angeles, Cal
W. J. Taylor.....Sacramento, Cal

MASTER CAR REPAIRERS.

F. E. Cavender..... Brooklyn, Ore / P. O. Portland
F. A. Chilton.....Ogden, Utah
P. H. Cosgrave... Bay Shore, Cal. / P. O. San Francisco
A. J. Gilson.....Sacramento, Cal
C. J. Greenwell.....Tucson, Ariz
J. Hall (Gen. Shops)...Sacramento, Cal
W. J. McEnerney.....Dunsmuir, Cal
M. Meehan.....West Oakland, Cal
T. H. Osborne.....Los Angeles, Cal
F. Roehr.....Bakersfield, Cal
C. I. Walker (Gen. Shops).....Los Angeles, Cal

FOREMEN PAINTERS.

T. M. Davis..... Bay Shore, Cal. / P. O. San Francisco
E. A. Jordan.....Los Angeles, Cal
L. Miller.....El Paso, Tex
J. Ruddiman..... Brooklyn, Ore / P. O. Portland
G. T. Wagner.....Sacramento, Cal

ENGINEERING, BRIDGES & ROADWAY CONSTRUCTION.

G. W. Boschke, Ch. Eng.....San Francisco, Cal

MAINTENANCE.

W. H. Kirkbride, Eng. Maint. & Struct..... San Fran / cisco, Cal
W. M. Jaekle, Asst. Eng. Maint. W. & Struct..... "
G. W. Rear, Eng. Brdgs..... "
D. T. Rintoul, Gen. Brdg. Insp..... "
H. Pollard, Gen. Fire Insp.... "
G. A. Easton, Gen. Scales Insp..... West Oakland, Cal.
W. F. Monahan, Gen. Trk. Insp..... San Fran / cisco, Cal.
C. J. Bergundthal, Trk. Weld. Supvr..... "
A. H. Babcock, Elec. Eng..... "
P. Lebanbaum, Asst. Elec. Eng. "

930—SOUTHERN PACIFIC—Continued.

DIVISION ENGINEERS.

F. A. Bordwell.....Bakersfield, Cal
G.W. Corrigan.....Los Angeles, Cal
J. A. Given.....Dunsmuir, Cal
F. L. Guy.....El Paso, Tex
H. A. Hampton.....Portland, Ore
E. C. Morrison..... .San Francisco, Cal
W. H. Phelps.....Oakland, Cal
D. A. Porter.....Oakland Pier, Cal
P. T. Robinson.....Tucson, Ariz
F. M. Siefer.....Stockton, Cal
H. E. Stansbury.....El Paso, Tex
W. F. Turner.....Sacramento, Cal
O. Weeks.....Ogden, Utah

ASSISTANT DIVISION ENGINEERS.

H. L. Archbold.....Ogden, Utah
H. I. Benjamin.....Portland, Ore
R. M. Bryant.....Oakland Pier, Cal
J. B. Dawson.....San Francisco, Cal
J. P. Edwards.....Los Angeles, Cal
R. H. Epperson (Act.).....Tucson, Ariz
F. A. Feikert.....Portland, Ore
E. T. Langdale.....Bakersfield, Cal
I. McAvoy.....El Paso, Tex
G. F. McCormick.....Sacramento, Cal
W. Riseden.....Stockton, Cal
G. M. Taylor.....Dunsmuir, Cal

SUPERVISORS BRIDGES & BUILDINGS.

T. W. Bratten.....Oakland Pier, Cal
W. H. Burgess.....Stockton, Cal
D. Burke.....Tucson, Ariz
O. V. Chesney.....Portland, Ore
F. M. Clough.....El Paso, Tex
J. H. DeBord..... "
M. Fisher.....Ogden, Utah
W. C. Harman.....Bakersfield, Cal
J. B. Malloy.....Sacramento, Cal
C. W. McCandless.....Los Angeles, Cal
P. N. Nelson.....San Francisco, Cal
N. Rose.....Portland, Ore
J. G. Wiley.....Dunsmuir, Cal

ROAD MASTERS.

P. M. Ahern.....Tehachapi, Cal
T. A. Allen.....Fresno, Cal
R. Bachar.....Mexicali, Mex
O. M. Barlow.....Merced, Cal
R. R. Blair.....Benson, Ariz
C. C. Clark.....Montello, Nev
H. Collins.....Deming, N. M
T. Connor.....South Vallejo, Cal
S. R. Cupples.....San Jose, Cal
C. O. Davis.....Duran, N. M
T. A. Deane.....Phoenix, Ariz
F. H. Depew... { Watsonville Jct., Cal / P. O. Watsonville
J. B. Dinwiddie.....Tucumcari, N. M
T. Duggan.....Bowie, Ariz
F. D. Dutton.....Truckee, Cal
E. E. Earl.....Los Angeles, Cal
F. W. Easton.....Ogden, Utah
J. A. Ford.....Tucson, Ariz
J. F. Gallagher.....Suisun, Cal
T. Gallagher.....Los Angeles, Cal
W. M. Gates.....Gila, Ariz
A. J. Gilbert.....Globe, Ariz
P. Goulden.....San Luis Obispo, Cal
J. Greiler.....Carlin, Nev
D. C. Harris.....Glendale, Ore
G. W. Hendren.....Hillsboro, Ore

ROAD MASTERS—CONTINUED.

J. L. Huston.....Niland, Cal
J. O. Johnson, Jr.....Ashland, Ore
J. E. Johnston.....Douglas, Ariz
W. B. Kelso.....Bakersfield, Cal
P. M. Krutzler.....Marshfield, Ore
J. Lucid.....Sacramento, Cal
W. R. Markley.....Saugus, Cal
C. McCann.....Dallas, Ore
J. W. McCraw.....Tucson, Ariz
L. U. McKenzie.....Alamogordo, N. M
T. Mills.....Ventura, Cal
H. B. Moore.....Oakland, Cal
A. E. Moquist.....Tracy, Cal
C. H. Neal.....Eugene, Ore
H. H. Notley.....Marysville, Cal
J. O'Donnell.....Sacramento, Cal
J. O'Hara.....Stockton, Cal
G. R. Owen.....Susanville, Cal
V. Parker.....Klamath Falls, Ore
L. E. Peterson.....Redding, Cal
J. Reddy..... .....Sparks, Nev
B. W. Redick.....Albany, Ore
B. Roland.....Niles, Cal
T. W. Saul.....Colfax, Cal
F. W. Schneegas.....Orland, Cal
S. T. Scott.....Portland, Ore
J. Shea.....Oakland Pier, Cal
J. W. Starkey.....Colton, Cal
J. Tangney.....Exeter, Cal
B. O. Thistle.....Los Angeles, Cal
H. B. Watkins.....Santa Barbara, Cal
J. Welch.....El Paso, Tex
T. L. Williamson.....Mina, Nev

SIGNAL DEPARTMENT.

W. E. Boland, Sig. Eng.....{ San Francisco, Cal
R. D. Moore, Asst. Sig. Eng. {
P. Dinkel, Gen. Sig. Insp..... "
C. W. Ellis, Sig. Insp..... "

SIGNAL SUPERVISORS.

P. A. Bliss.....Stockton, Cal
G. R. Cowherd.....El Paso, Tex
B. O. Darrow.....Sacramento, Cal
D. W. Dower.....Los Angeles, Cal
K. English.....Oakland, Cal
A. Forster.....San Francisco, Cal
M. H. Hershberger.....El Paso, Tex
J. H. Hickey.....Dunsmuir, Cal
M. M. Mead.....Ogden, Utah
W. D. Pattison.....Bakersfield, Cal
P. Schultz.....Portland, Ore
F. S. Starratt.....Oakland Pier, Cal
H. M. Stone.....Tucson, Ariz

930a—SOUTHERN PACIFIC R. R. CO. OF MEXICO.

1,246 Mls, 84 Loco, Cars: 1,157 Frt, 115 Pass, 364 Misc
Chicago address, 310 So. Michigan Blvd.
New York address, 165 Broadway.
San Francisco address, 65 Market St.

EXECUTIVE, FINANCIAL AND LEGAL.

W. Sproule, Ch. Exec. Com.....San Francisco, Cal
✪H. B. Titcomb, Pres.....Tucson, Ariz
G. W. Mulks, Compt.....New York, N. Y
T. M. Schumacher, V.-Pres. (Traf.).....Chicago, Ill
Hugh Neill, V.-Pres.....New York, N. Y
G. L. King, Sec.....San Francisco, Cal
W. F. Bull, Asst Sec.....New York, N. Y

ELESCO SUPERHEATERS FEED WATER HEATERS THE SUPERHEATER COMPANY NEW YORK CHICAGO

930a—SOUTHERN PACIFIC R. R. OF MEX.—Cont'd.

D. P. Ewing, Asst. Sec. San Francisco, Cal
C. J. Heberstedt, Treas. & Asst. Sec. ..... Tucson, Ariz
A. K. Van Deventer, Asst. Treas. ..... New York, N. Y
C. M. Scott, Asst. Treas. ..... } San Fran-
T. O. Edwards, Gen. Aud. ..... } cisco, Cal.
T. A. Duff, Aud. ..... Tucson, Ariz
S. B. Goldman, Asst. Aud. ..... "
W. T. Pyott, Asst. Aud. ..... "
G. F. Jackson, Fiscal Rep. Mexico, D. F

TRAFFIC.

T. M. Schumacher, V.-Pres. Chicago, Ill
O. P. Bartlett, Asst. to V.-Pres. "
H. Lawton, Traf. Mgr. ..... } Guaymas.
L. G. Hoff, G. F. & P. A. ..... } Sonora, Mex
A. T. Davis, Frt. Clm. Agt. "

OPERATING.

J. A. Small, Gen. Mgr. ..... Empalme, Sonora, Mex

SUPERINTENDENTS

R. Castaneda, Gaudalajara, Jalisco, Mex
L. Foster (Asst.) .. Empalme, Son., Mex
M. J. Kingsbury .. " "
B. O. Long (Asst.) .. Mazatlan, Sin., Mex
L. M. Rose ..... " "

Dr. E. C. Houle, Ch. Surg. ..... Empalme, Son., Mex

PURCHASING.

¶ F. W. Mahl, Gen. Pur. Agt. ..... San Francisco, Cal
G. V. Green, Pur. Agt. ..... Tucson, Ariz
R. D. Garrod, Str. Kpr. ..... { Empalme, Sonora, Mex

MECHANICAL.

S. M. Houston, Supt. Shops. } Empalme.
F. H. Kuck, Div. M. M. ..... } Son., Mex
W. E. Flood, M. M. .. Mazatlan, Sin. Mex

ENGINEERING, BRIDGES & ROADWAY

E. B. Sloan, Ch. Eng. } Empalme, Sonora,
C. E. Cate, Asst. to } Mex.
Ch. Eng. ..... "
J. C. Moreno, Div. Eng. "
G. W. McDougall, Div. } Mazatlan, Sin.,
Eng. ..... } Mex.

ROAD MASTERS.

A. Aparicio ..... Nogales, Son., Mex
R. C. Ballesteros .. Empalme, Son., Mex
F. V. Moreno ..... Magdalena, Son., Mex
J. Sheey ..... Ruiz, Nay., Mex
H. S. Tully ..... Mazatlan, Sin., Mex
J. M. Valencia ..... Culiacan, Sin., Mex

931—SOUTHERN PACIFIC LINES—LOUISIANA LINES.

724 Mls, 81 Loco, Cars: 5,788 Frt, 113 Pass, 367 Misc

FRANKLIN & ABBEVILLE RY.
IBERIA & VERMILLION R. R. Co.
LAKE CHARLES & NORTHERN R. R. Co.
LOUISIANA WESTERN R. R. Co.
MORGAN'S LOUISIANA & TEXAS R. R. & S. S. Co.

New York address, 165 Broadway.

EXECUTIVE, FINANCIAL AND LEGAL.

H. W. deForest, Ch. Exec. } New York,
Com ..... } N. Y
A. D. McDonald, V.-Chman. Exec. Com. ..... "
W. R. Scott, Pres. ..... Houston, Tex
R. C. Watkins, V.-Pres. & Gen. Mgr. ..... New Orleans, La
T. M. Schumacher, Dir. of Traf. ..... Chicago, Ill
G. B. Herbert, Sec. & Aud. } New Or-
(M. L. & T. R. R. & S. S. Co.) } leans, La
Hugh Neill, Sec. (L. W. R. R.) } New York,
Asst. Sec. (M. L. & T. R. R. } N. Y.
& S. S. Co.) ..... "
W. F. Bull, Asst. Sec. ..... "
G. B. Herbert, Asst. Sec. (L. W. R. R.) ..... New Orleans, La
St. D. J. De Blanc, Treas. "
G. M. Thornton, Asst. Treas. ..... New York, N. Y
G. W. Mulks, Compt. ..... "
H. T. Beckway, Aud. Equip. Serv. Accts. .. Houston, Tex
C. R. Field, Gen. Clm. Agt. New Orleans, La
J. M. Lloyd, R. W. Agt. .. Houston, Tex
J. Lansdale, Valua. Eng. .. "

TRAFFIC.

T. M. Schumacher, Dir. .... Chicago, Ill
C. S. Fay, Traf. Mgr. .... New Orleans, La
J. T. Monroe, G. P. A. .. "
H. H. Gray, Asst. G. P. A. "
J. Lallande, G. F. A. .... "
C. H. Owens, Asst. G. F. A. "
W. H. Stakelum, Asst. G. F. A. ..... "
J. E. Carter, Asst. G. F. & P. A. ..... Lake Charles, La
H. M. Moors, Frt. Clm. Agt. ..... New Orleans, La
R. L. McKibbin, Gen. Bag., Mail & Exp. Agt. ..... Houston, Tex

OPERATING.

R. C. Watkins, V.-Pres. & Gen. Mgr. ..... New Orleans, La
R. M. Glover, Supt. ..... Lafayette, La
P. B. Torian, Supt. Terms .... } New Or-
L. B. Church, Asst. Supt. } leans, La
Terms. ..... "
E. Hodges, Asst. Supt. .... Lafayette, La
O. C. Castle, Supt. Trans. .. Houston, Tex
R. R. Unzicker, Asst. Supt. Trans. ..... "
D. H. Lusk, Asst. Mgr. Din. Cars, Hotel & Restaurant. "
P. Hewett, Supt. Tel. .... "
H. M. Mayo, Supt. Safety. "

PURCHASING.

¶ N. P. Randolph, Pur. Agt. New Orleans, La
L. B. Wood, Gen. Str. Kpr. Houston, Tex
N. Felgel, Str. Kpr. ..... Algiers, La
C. S. Williams, Sta. ..... Houston, Tex

MECHANICAL.

J. A. Power, Supt. M. P. & Equip. ..... Houston, Tex
B. M. Brown, Ch. Asst. Supt. M. P. & Equip. .... "
J. S. Netherwood, Asst. Supt. M. P. & Equip. ..... Algiers, La
C. W. Dysert, Mech. Eng. Houston, Tex
R. Stenhouse, M. M. ..... Lafayette, La
J. C. Harris, Gen. Rd. For. M. P. & Equip. ..... Houston, Tex
J. C. Simino, Trav. Eng. .. Lafayette, La
W. H. Fowler, Gen. For. Car Rep. ..... Houston, Tex
C. Ledig, Gen. Car For. ..... Algiers, La

931—SOUTHERN PAC. LINES—LA. LINES—Cont'd.

ROUNDHOUSE FOREMEN.

C. W. Johnson.....Algiers, La
C. Mays.....Lake Charles, La
C. J. McBride.....Lafayette, La
T. A. Vogel, Mast. Car Paint..Algiers, La

ENGINEERING, BRIDGES & ROADWAY

H. M. Lull, Ch. Eng..... } Houston
E. A. Craft, Asst. to Ch. Eng.. } Tex.
R. W. Barnes, Constr. Eng.... "
H. H. Ueckert, Supvr. Struct... "
J. L. Durland, Eng. Water &.. "
Fuel Serv..... "
J. A. Gorr, Div. Eng.....Lafayette, La
J. Hitt, M. W. Insp.....Houston, Tex
F. T. Jeans, Insp. B. B.... "
A. B. Ashmore, Supvr. B.
& B..... .....Lafayette, La
E. L. Barker, Supvr. M.
W. Equip.....Houston, Tex
E. C. Jackson, Supvr. Scales
& Weighing..... "

ROAD MASTERS.

G. O. Broussard.....Morgan City, La
P. L. Green.....New Iberia, La
F. Lefleur.....Lafayette, La
A. W. Wehner.....Lake Charles, La
R. F. Wills.....New Orleans, La

SIGNAL DEPARTMENT.

R. W. Meek, Sig. Eng.....Houston, Tex
R. Eberspacher, Sig. Insp. "
D. W. Rosenzweig, Sig.
Supvr.....Lafayette, La

931a—SOUTHERN PACIFIC LINES—TEXAS LINES.

3 734 Mls, 569 Loco, Cars: 18,711 Frt, 507 Pass, 1,056 Misc

360—GALVESTON, HARRISBURG AND SAN ANTONIO RY. CO., THE
423—HOUSTON AND SHREVEPORT R.R. CO.
421—HOUSTON & TEXAS CENTRAL R. R. CO.
423—HOUSTON EAST AND WEST TEXAS RY. CO., THE
963—TEXAS AND NEW ORLEANS R.R. CO.
TEXAS STATE R. R.

New York address, 165 Broadway.

EXECUTIVE, FINANCIAL & LEGAL.

H. W. de Forest, Ch.
Exec. Com.....New York, N. Y
A. D. McDonald, V.-
Chman. Exec. Comm. "
W. R. Scott, Pres.....Houston, Tex
G. S. Waid, V.-Pres. &
Gen. Mgr..... "
T. M. Schumacher, Dir.
of Traf.....Chicago, Ill
G. R. Cottingham, Sec. &
Aud.....Houston, Tex
Hugh Neill, Asst. Sec..... } New York,
W. F. Bull, Asst. Sec ..... } N. Y.
O. M. Longnecker, Treas..Houston, Tex
G. M. Thornton, Asst. Treas. } New York,
G. W. Mulks, Compt..... } N.Y.
W. E. Douglas, Gen. Clm.
Agt.....Houston, Tex
J. M. Lloyd, R.W. Agt..... "
J. Lansdale, Valua. Eng.. "

ACCOUNTING.

G. R. Cottingham, Aud..... } Hous-
J. F. Elliot, Asst. Aud..... } ton, Tex
H. E. Buse, Aud. Disb..... "
W. J. Sauer, Aud. Frt. Accts.. "
C. P. Coleman, Aud. Pass. Accts. "
W. E. Fitzgerald, Aud. Misc.
Accts..... "
H. T. Beckway, Aud. Equip.
Serv. Accts..... "

TRAFFIC.

T. M. Schumacher, Dir. Traf. Chicago, Ill
C. K. Dunlap, Traf. Mgr..... } Houston,
S. G. Reed, Asst. Traf. Mgr... } Tex.
R. H. Carmichael, Asst. to
Traf. Mgr..... "
W. C. McCormick, G. P. A.... "
J. F. Sullivan, Asst. G. P. A.... "
T. Hood, Asst. G. P. A..San Antonio, Tex
I. Lee, Asst. G. P. A.....Houston, Tex
T. G. Beard, G. F. A..... "
W. E. Briggs, Asst. G. F. & P. A. Dallas, Tex
J. E. Carter, Asst.
G. F. & P. A.....Lake Charles, La
E. McClannahan, Asst. G.
F. & P. A..... ...El Paso, Tex

ASSISTANT GENERAL FREIGHT AGENTS.

C. D. Arnold.....Houston, Tex
A. R. Atkinson..... "
J. C. Brashear..... "
J. B. Brooks..... "
H. A. Loeffler.....San Antonio, Tex
A. J. Morris.....Houston, Tex
C. H. Wilson..... "
R. L. McKibbin, Gen. Bag.,
Mail & Express Agt.....Houston, Tex
C. G. Webb, Frt. Clm. Agt. "

INDUSTRIAL DEPARTMENT.

J. C. Mangham, Asst. to Traf. } Houston,
Mgr..... } Tex.
J. I. McGregor, Agri. Agt..... "
H. M. Madison, Agri. Agt..... "

OPERATING.

G. S. Waid, V.-Pres. & Gen.
Mgr.....Houston, Tex
L. B. McDonald, Asst. Gen.
Mgr..... "
L. H. Cecil, Asst. to V.-Pres.
& Gen. Mgr..... "
J. G. Torian, Asst. to V.-Pres.
& Gen. Mgr..... "

DIVISION SUPERINTENDENTS.

G. B. Goodloe.....Victoria, Tex
B. S. Hollimon..... Ennis, Tex
H. J. Micksch.....Houston, Tex
A. D. Mims.....San Antonio, Tex
C. R. Morrill.....El Paso, Tex
E. A. O'Donnell (Term)..Houston, Tex
J. H. Walsh.....Austin, Tex

ASSISTANT SUPERINTENDENTS.

F. H. Bednark.....San Antonio, Tex
H. F. Kelley.....Austin, Tex
W. R. Mann.....El Paso, Tex
K. C. Marshall.....Ennis, Tex
P. B. McNeal.....Victoria, Tex
T. H. Meeks.....Houston, Tex
T. Scott.....Jacksonville, Tex

O. C. Castle, Supt. Trans..... } Houston,
R. R. Unzicker, Asst. Supt.. } Tex.
Trans..... "

931a—SOUTHERN PAC. LINES—TEX. LINES—Cont'd.

P. Hewett, Supt. Tel. ..... } Houston,
H. L. Bennett, Asst. Supt. Tel. } Tex.
H. M. Mayo, Supt. Safety..... "
J. S. Richards, Insp. Fire Prev. "
E. L. Tallichet, Insp. Fire Prev. "
A. Pollock, Mgr. Din. Cars, } San Fran-
Hotels & Restaurants..... } cisco, Cal
D. H. Lusk, Asst. Mgr. Din. } Houston.
Cars, Hotels & Restaurants. } Tex.

PURCHASING.

¶ N. P. Randolph, Pur. Agt. New Orleans, La
L. B. Wood, Asst. Pur. Agt.
& Gen. Str. Kpr.....Houston, Tex
W. E. Rawson, Str. Kpr.. "
B. F. New, Str. Kpr.....Yoakum, Tex
C. S. Williams, Sta.....Houston, Tex
J. L. Cowan, Tie & Timb.
Agt..... "

MECHANICAL.

J. A. Power, Supt. M. P. & } Houston,
Equip..... } Tex.
B. M. Brown, Ch. Asst. Supt.
M. P. & Equip..... "
F. L. Carson, Asst. Supt.
M. P. & Equip.....Yoakum, Tex
J. C. Harris, Gen. Rd. For. } Houston,
M. P. & Equip..... } Tex.

MASTER MECHANICS.

W. Bleick.....El Paso, Tex
J. T. Connor.....San Antonio, Tex
J. E. Frels.....Yoakum, Tex
T. F. Sullivan.....Ennis, Tex
W. W. Young.....Houston, Tex

TRAVELING ENGINEERS.

J. M. Crawford.....Victoria, Tex
J. W. Hartman.....Houston, Tex
P. G. Leonard.....El Paso, Tex
E. P. Ragsdale.....San Antonio, Tex
W. F. Rentzel.....Ennis, Tex
L. W. Rowe.....Houston, Tex
C. W. Stokes.....Austin, Tex

G. W. McGowan, Shop Supt.. } Houston,
W. H. Fowler, Gen. For. Car } Tex.
Rep..... "
S. R. Henderson, Gen. Car For. "

DIVISION CAR FOREMEN.

P. Lancaster.....El Paso, Tex
H. B. Miller.....Beaumont, Tex
M. Riordan.....San Antonio, Tex
J. D. Simpson.....Ennis, Tex

GENERAL FOREMEN.

J. J. Cavanaugh.....San Antonio, Tex
W. Donahue.....Ennis, Tex
D. B. Herbert.....El Paso, Tex
P. Jones.....Houston, Tex

ROUND HOUSE FOREMEN.

W. M. Badders.....Hearne, Tex
J. W. Coker.....Ft. Worth, Tex
S. S. Daggett.....Sanderson, Tex
J. P. Donnelly.....El Paso, Tex
J. Duncan.....Glidden, Tex
J. J. Flynn.....Houston, Tex
S. Kroeger.....San Antonio, Tex
P. E. Leonard.....Beaumont, Tex
L. C. Powell.....Jacksonville, Tex
E. D. Stegall.....Valentine, Tex
F. W. H. Wehner.....Del Rio, Tex
H. E. Wilke.....Dallas, Tex

A. A. Feldman, For. Paint..Houston, Tex

ENGINEERING, BRIDGES & ROADWAY

H. M. Lull, Ch. Eng.....Houston, Tex
E. A. Craft, Asst. to Ch. Eng. "
H. H. Ueckert, Supvr. Structures..... "
R. W. Barnes, Constr. Eng.... "
J. L. Durland, Eng. Water and
Fuel Service..... "
J. Hitt, Insp. M. W..... "
F. T. Jeans, Insp. B. & B..... "
E. L. Barker, Supvr. Roadway, Equip. & Tools..... "
E. C. Jackson, Supvr. Scales &
Weigh..... "

DIVISION ENGINEERS.

H. L. Bell.....Houston, Tex
W. Bretschneider..... "
W. S. Higgins.....Victoria, Tex
J. H. Knowles.....El Paso, Tex
H. Slabotsky.....Ennis, Tex
C. M. Staples.....San Antonio, Tex
P. M. Williams.....Austin, Tex

SUPERVISORS OF BRIDGES & BUILDINGS.

C. Black.....San Antonio, Tex
G. C. Fullick.....Victoria, Tex
W. R. Hale.....Austin, Tex
J. C. Hunt.....El Paso, Tex
J. D. Kelly.....Ennis, Tex
W. P. Power.....Houston, Tex
W. T. Sprague, (Asst.). Jacksonville, Tex

ROAD MASTERS.

A. Atwood.....Austin, Tex
H. I. Barnett.....Spofford, Tex
R. R. Blankenship.....Lufkin, Tex
J. M. Corley.....Del Rio, Tex
R. E. Dell.....Giddings, Tex
W. A. Enderle.....San Antonio, Tex
F. G. Fisk.....Giddings, Tex
J. Gude.....Ennis, Tex
G. E. Kessler.....Beaumont, Tex
W. C. Lamb.....Navasota, Tex
J. L. Lessor.....Yoakum, Tex
P. P. Marion.....El Paso, Tex
R. R. McDuff.....Houston, Tex
J. C. McHeaney.....Kenedy, Tex
L. B. Mills.....San Antonio, Tex
J. V. Murphy.....Navasota, Tex
D. K. Newmyer.....Houston, Tex
R. M. Perdue.....Ennis, Tex
C. W. Price.....Skidmore, Tex
W. H. Raleigh.....Giddings, Tex
G. Reiss.....Rosenberg, Tex
W. Shaw.....Marfa, Tex
E. H. Shirley.....Jacksonville, Tex
L. N. Simmons.....Victoria, Tex
L. Stepleton.....Houston, Tex
L. Sutherland.....Jacksonville, Tex
R. L. Tuck.....Lufkin, Tex
H. Winborn.....Wharton, Tex

SIGNAL DEPARTMENT.

R. W. Meek, Sig. Eng.....Houston, Tex
R. Eberspacher, Sig. Insp. "

SIGNAL SUPERVISORS.

E. D. Dumas.....El Paso, Tex
P. Schroeder (Asst.).....Houston, Tex
W. R. Smiley..... "
W. A. Talley.....Ennis, Tex
P. V. Wright.....San Antonio, Tex

931b—SOUTHWEST MISSOURI R.R. CO.
40 Mls, 4 Loco, Cars: 30 Pass, 6 Misc
F.C. Wallower, Pres & Gen. Mgr } Joplin,
E. Z. Wallower, V.-Pres..... } Mo.
H. C. Rogers, V.-Pres.....Carthage, Mo
W. E. McMeehan, Sec. & Treas. } Webb
¶E. J. Pratt, Asst. Mgr..... } City, Mo
F. Hullett, Supt. Shops & Equip. "

931e—SPOKANE & EASTERN RY. & POWER CO. (Electric).
See Inland Empire R. R. Co., No. 437c.

932—SPOKANE & INL'D EMPIRE R.R.
See Spokane & E. Ry. & P. Co., No. 931e.

933—SPOKANE INTERNATIONAL RY. CO.
165 Mls, 11 Loco, Cars: 247 Frt, 8 Pass, 24 Misc
C. T. Jaffray, Pres..Minneapolis, Minn
E. S. McPherson, V.-Pres. Spokane, Wash
W. R. Harley, Sec...Minneapolis, Minn
J. C. Williams, Treas..... } Spokane
L. W. Hazelwood, Aud..... } Wash.
A. J. Shaw R. of W., Tax & Clm. Agt..... "
E. L. Cardie, Traf. Mgr..... "
C. W. Sawall, Frt. Clm. Agt.... "
G. B. King, Asst. G.F. & P. A.. "
J. E. Hanifen, Supt..... "
C. L. Leighty, Car Acct..... "
¶J. Bernheim, Pur. Agt..... "
§ C. H. Prescott, M. M..... "
F. I. Nesbit, Gen. For..... "
E. G. Taber, Ch. Eng..... "
D. R. Waite, Gen. For. B. & B. "
R. Clarke, For. Paint..... "
F. Hartman, Rd. Mast..Sandpoint, Ida

933a—SPOKANE, PORTLAND & SEATTLE RY. CO.
OREGON ELECTRIC RY. CO.
OREGON TRUNK RY.
UNITED RYS. CO.
917 Mls, 104 Loco, Cars: 872 Frt, 194 Pass, 295 Misc
EXECUTIVE, FINANCIAL AND LEGAL.
W. E. Turner, Pres..... } Portland
C. A. Vermillion, Asst. to Pres } Ore.
G. T. Reid, V.-Pres.....Seattle, Wash
R. Crosbie, Sec. & Compt. Portland, Ore
G. R. Williams, Asst. Compt. "
R. H. Relf, Asst. Sec.....St. Paul, Minn
J. E. Mang, Treas.....Portland, Ore
H. K. Relf, Gen. Clm. Agt. "
TRAFFIC.
R. W. Pickard, G. F. A..... } Portland,
R. H. Crozier, G. P. A..... } Ore.
W. G. Paine, Asst. G.F. & P. A.....Spokane, Wash
OPERATING.
A. J. Davidson, Gen. Mgr. } Chamber
E. D. Kittoe, Asst. to Gen. Mgr..... } of Com'ce Bldg.,
G. E. Votaw, Div. Supt..... } Portland,
E. F. Lillie, Supt. C. S. & Tel. } Ore.
A. Harris, Supt. Din. Cars.... "
PURCHASING.
¶E. Edwards, Pur. Agt. & Gen. Str. Kpr..... } Portland, Ore.
E. R. Schrader, Sta..... "

STORE KEEPERS.
J. L. Chatburn.....Vancouver, Wash
L. F. Dachwald.....Portland, Ore
C. D. Empfield.....Fallbridge, Wash
H. M. Singelman.....Portland, Ore
MECHANICAL.
J. Dickson, Supt. M. P....Portland, Ore
C. E. Barnes, Mech. Eng... "
E. R. Cunningham, Elec. Supt..... "
D. J. Clough, M. M..... "
F. C. Wager, M. M....Vancouver, Wash
A. J. Strauss, Ch. Elec...Portland, Ore
J. Kimball, Trav. Eng. Vancouver, Wash
E. L. Cronkrite, Gen. For..Portland, Ore
W. S. Wheaton, Gen. For.....Vancouver, Wash
J. F. Ward, Loco. For .....Astoria, Ore
J. I. Mills, Loco. For..Fallbridge, Wash
A. E. Anderson, Car For..Portland, Ore
E. Hayes, Car For.....Fallbridge, Wash
E. Lewis, Car For....Vancouver, Wash
C. Criss, For. Paint... "
ENGINEERING, BRIDGES & ROADWAY
A. J. Witchel, Ch. Eng..... } Portland,
W. H. Marsh, Prin. Asst. Eng. } Ore.
B. M. Howard, Brdg. Eng..... "
R. P. Habersham, Res. Eng... "
L. K. Needham, Res. Eng..... "
H. Powell, Res. Eng....Spokane, Wash
C. Whitfield, Supt. M. W..Portland, Ore
J. A. Lindsay, Mast. Carp. "
E. F. Kelley, Mast. Carp.....Vancouver, Wash
ROAD MASTERS.
W. Brown.....Portland, Ore
A. B. Corey.....Vancouver, Wash
G. W. Lancaster.....Fallbridge, Wash
T. J. Moriarity.....Portland, Ore
E. Shulstrom.....Lamont, Wash
H. Withycombe.....Fallbridge, Wash

934—SPRINGFIELD TERMINAL RY. (OF ILL.). 12 Mls, 3 Loco, Cars: 3 Pass
F. B. Beaghan, } 332 So. Michigan Ave.,
Gen. Mgr..... } Chicago, Ill.

934a—STATESBORO NORTHERN RY.
38 Mls. Equipment owned: none.
Operated by Georgia & Florida Ry. No. 365

934b—STATE UNIVERSITY R. R. CO.
10 Mls. Equipment owned—None.
For officials see So. Ry. Sys., No. 927.

935—STATEN ISLAND RAPID TRANSIT RY. CO., THE
23 Mls, 26 Loco, Cars: 218 Pass, 5 Misc
New York address, 25 Broadway.
W. G. Curren, Gen. Mgr..New York, N.Y
J. G. Westbrock, Aud..... "
M. L. McElheny, Supt..... } St. George, S.I., N.Y., P.O., W. New Brighton, S.I., N.Y.
W. J. Ivers, Car. Acct. "
J. F. Bowden, M. M..... } Clifton, S.I., N.Y., P.O., Stapleton, S.I., N.Y
H. E. Childs, Asst. M. M..... "
A. J. Conley, Rd. For. Eng..... "

Steel Back Brake Shoes THE RAILWAY MATERIALS CO. New York - Chicago

935—STATEN ISLAND RAPID TRANSIT—Cont'd.

J. A. McCaffrey, Rd. For. Eng.... } St. George, S. I., N. Y.
J. L. Suesserott, Div. Eng..... } P. O., Tompkinsville, S. I., N. Y.
W. E. Pettigrew, Asst. Eng..... "
R. F. Farlow, Supvr. B. & B..... "
W. Ryan, Trk. Supvr. "
W. L. Dryden, Supvr. Sig. Tele. & Telo.. "

For other officials see B. & O. R. R. System, No. 58.

935a—STEELTON & HIGHSPIRE R. R. CO. 43 Mls, 15 Loco Cars owned—none.

★J. H. McDonald, V.-Pres.... Steelton, Pa
¶ W. C. Worth, Pur. Agt.. Bethlehem, Pa
C. P. Turner, Ch. Eng..... Steelton, Pa

936—STERLING MOUNTAIN RY. CO.
8 Mls, 1 Loco, Cars: 1 Pass
New York address, 39 Broadway.
R. H. M. Robinson, Pres.. New York, N. Y
J. A. Kissick, V.-Pres.... "
¶★✠B. Moffatt, Jr., V.-Pres..... Sterlington, N. Y
B. Browne, Sec & Compt. New York, N. Y
W. L. Pemberton, Treas. "

936a—STEUBENVILLE, EAST LIVERPOOL & BEAVER VALLEY TRACTION CO., THE
53 Mls, Cars: 60 Pass, 17 Misc
C. A. Smith, Gen. Mgr... E. Liverpool, O
¶ G. H. Faulk, Sec., Treas. & Pur. Agt..... "
G. S. Wills, Gen. Supt.... "
R. E. Twigg, M. M..... "
H. R. Frederick, Eng. M. W. "

937—STEWARTSTOWN R. R. CO.
16 Mls, 3 Loco, Cars: 4 Frt, 2 Pass
T. B. Fulton, Pres..... } Stewartstown, Pa
H. E. Anstine, Sec..... }
O. S. Bell, Treas..... "
F. A. Shaw, Aud. & Car Acct. "
¶★✠✪C. W. Shaw, Gen. Mgr. & G. F. & P. A..... "

938—STOCKTON TERM. & EAST'N R. R
20 Mls, 1 Loco, Cars: 3 Frt, 1 Pass (Mot.)
✪F. J. Dietrich, Operator or Owner.... } 26 S. San Joaquim St., Stockton, Cal
W. M. Lipscomb, Aud..... "
H. W. Stoutenborough, Traf. Mgr..... "
¶★✠§F. E. Odell. Supt.... "

939—STONE HARBOR R. R. CO.
5 Miles, 1 Loco (Gas, Elec), Cars: 1 Frt, 7 Pass (including 2 Motors)
L. H. Lewis, Pres... } 412 N. 18th St., Philadelphia, Pa
G. L. Markland, V.-Pres..... "
J. B. Lichtenberger, Sec. & Treas..... } 13th & Market Sts., Philadelphia, Pa
A. H. Leatherman, Aud. "
¶★✠J. N. Alexander, Jr., Gen. Supt..... } Stone Harbor, N. J.

940—STRASBURG R. R.
4 Mls, 4.9 G, 1 Loco, Cars: 1 Pass
J. G. Homsher, Pres..... Strasburg, Pa
F. L. Homsher, Sec. & Treas. "
¶★✠E. Brown, Supt..... "

941—STROUDS CREEK & MUDDLETY R. R. 10 Mls. Equipment owned—none.
C. W. Amsler, Pres..... Clarion, Pa
¶★✠✪J. C. Campbell, V.-Pres., & Treas..... Tioga, W. Va
R. M. Campbell, Gen. Mgr. "
L. Harrison, Sec..... Wellsboro Pa
A. R. Yarborough, Traf. Mgr..... Charleston, W. Va

942—SUGAR LAND RY. CO.
62 Mls, 5 Loco, Cars: 25 Frt, 2 Pass, 8 Misc
A. T. Cole, Sec. & Treas... Houston, Tex
M. Eckert, Aud..... "
F. Andrews, Gen. Atty.... "

For other officials, see Mo. Pac. R. R., No. 629.

943—

944—SULLIVAN COUNTY R. R.
Mileage and Equipment included in B. & M. R. R.
Operated by Boston & Maine R. R.. No. 97

945—SUMPTER VALLEY RY. CO.
79 Mls, 3 G, 11 Loco, Cars: 238 Frt, 12 Pass, 38 Misc
L. R. Eccles, Pres..... Ogden, Utah
W. A. Whitney, V.-Pres... "
¶ W. J. Eccles, Sec., Treas. & Asst. Pur. Agt ..... Baker, Ore
J. W. Pentney, Aud..... "
L. D. Davis, G. F. & P. A..... "
A. S. Howe, Supt..... "
F. F. Snafer, Gen. For..... "
E. E. Sibray, Ch. Eng..... "
W. Larson, Rd. Mast..... "

946—SUMTER & CHOCTAW RY. CO.
23 Mls, 3 Loco, Cars: 67 Frt, 3 Pass, 5 Misc
¶ E. F. Allison, Pres. & Gen. Mgr..... Bellamy, Ala
F. L. Richardson, V.-Pres. "
W. T. Haynie, Sec., Treas. & Aud..... "
✪F. R. Wise, Gen. Supt..... "
J. A. Tidmore, M. M..... "
R. Campbell, Ch. Eng..... "
A. L. Gill, Rd. Mast..... "

946a—SUNCOOK VALLEY R. R.
22 Mls, 1 Loco, Cars: 2 Frt, 1 Pass
F. W. Sargeant, Pres. Manchester, N. H
¶✪F. P. Fosgate, Gen. Mgr.. Suncook, N. H
G. W. Fowler, Treas..... "
G. S. Fowler, Aud..... "
E. J. Rich, Gen. Coun.... } 6 Beacon St., Boston, Mass

946b—SUNSET RY. CO. 63 Mls
Operated by A., T. & S. F. System. No. 40.

—† SUNSET CENTRAL LINES.
See S. P. Lines—Tex.-La. Lines, No. 931-931a.

—† SUNSET ROUTE
See Southern Pacific Lines.

947—SUPERIOR & SOUTHEAST'N RY. CO. 40 Mls, 3 Loco, Cars: 49 Frt, 1 Misc

¶★✪A. L. McBean, Pres.. Park Falls, Wis
M. W. Teufel, V.-Pres. } 2431 So. Lincoln St., Chicago, Ill
M. L. Hudson, Sec.... } 10 S. LaSalle St., Chicago, Ill
E. H. Thomas, Treas. }
W. S. Bennet, Gen. Coun..... "
A. A. Adams, Traf. Mgr..... "
L. C. Prentice, G. F. & P. A. } Park Falls, Wis.
H. Johnson, Ch. Eng..... }

948—SURRY, SUSSEX & SOUTHAMPTON RY.
60 Mls, 3 G. 16 Loco, Cars: 87 Frt, 4 Pass

Baltimore address, 905 Union Trust Bldg.
F. E. Waters, Pres.....Baltimore, Md
J. W. Smith, V.-Pres..... "
P. D. Dix, Sec. & Treas.... "
M. T. Hargis, Aud.....Snow Hill, Md
W. H. Rogers, Traf. Mgr. & Clm. Agt.....Dendron, Va
¶★$✠E. Rogers, Gen. Supt... "
✪J. C. Causey, Asst. Supt.....Sedley, Va

949—SUSQUEHANNA & NEW YORK R. R. CO.
66 Mls, 6 Loco, Cars: 157 Frt, 5 Pass, 14 Misc

New York address, 17 Battery Pl.
Williamsport address, 330 Government Place.
✪P. M. Newman, Pres. Williamsport, Pa
W. C. Mitchell, V.-Pres..New York, N.Y
R. G. Brownell, Sec..... } Williamsport, Pa.
C. S. Du Belle, Treas..... }
A. F. Jones, Gen. Solr.....Ridgway, Pa
R. H. Zinn, Comptr.....New York, N. Y
W. H. Hough, Gen. Aud. .. } Williamsport, Pa.
C. F. Bower, Aud. Rec. & Disb }
W. C. Zeigler, Car Acct..... "
H. J. Welsh, G. F. & P. A..... "
L. C. Warren, Gen. Mgr..... "
¶A. T. Lynch, Pur. Agt....New York, N.Y
W. S. Seehrist, Act. } West Str. Kpr..... } Williamsport, Pa
§ H. M. Miller, M. M.... "
D. P. Brooks, Ch. Eng. Williamsport, Pa

949a—SUSQUEHANNA RIVER & WESTERN R. R. CO.
14 Mls, 3 Loco, Cars: 4 Frt, 4 Pass, 1 Misc

¶✠✪R. M. Gring, Pres.. } New Bloomfield, Pa
Gen. Mgr. & G. F. & P. A. }
G. H. Ross, V.-Pres....Philadelphia, Pa
O. S. Miller, Sec. & Treas.....New Bloomfield, Pa
E. M. Morrow, Asst. Sec. & Asst. Treas. "
W. D. Gring, Supt. M. P. "

950—SYDNEY & LOUISBURG RY.
130 Mls, 30 Loco, Cars: 1,684 Frt, 10 Pass, 8 Misc

R. M. Wolvin, Pres.....Sydney, N. S
C. S. Cameron, Sec.....Montreal, Que
M. A. Doak, Compt. .....Sydney, N. S
J. R. McIsaac, Gen. Traf. & Transp. Mgr..... "
H. J. McCann, Gen. Mgr. Glace Bay, N. S
D. W. McDonald, Supt... "
¶W. G. Stanfield, Pur. Agt. Sydney, N. S
M. E. Murphy, Mech. Supt. Glace Bay, N. S
M. M. Christie, Mast. Paint. "
W. C. Risley, Supt. M. of W. Sydney, N. S

951—SYLVANIA CENTRAL RY. CO.
15 Mls, 2 Loco, Cars: 2 Pass

H. A. Jordan, Traf. Mgr....Wadley, Ga
For other officials see W. & T. R. R., No. 1076

952—TABOR & NORTHERN RY. CO., THE 11 Mls, 1 Loco, Cars: 1 Frt, 1 Pass

✪A. S. Bloedel, Pres.....Tabor, Ia
R. F. Weatherhead, V-Pres... "
¶★✠E. V. Stopper, Aud. & Gen. Mgr "

953—

954—TALBOTTON R. R. CO.
7 Mls, 1 Loco, Cars: 1 Frt, 1 Pass

T. H. Persons, Pres.....Talbotton, Ga
R. K. Persons, Supt..... "

955—TALLULAH FALLS RY. CO.
58 Mls, 5 Loco, Cars: 42 Frt, 6 Pass, 10 Misc

Receiver appointed June 24, 1923.
¶✪J. F. Gray, Recr.....Cornelia, Ga
H. L. Brewer, Aud..... "
★✠A. Flocker, Supt..... "

956—TAMA & TOLEDO R. R. (Electric)
4 Mls, Cars: 10 Frt, 5 Pass

W. G. Dows, V.-Pres..... } Cedar Rapids, Ia
I. B. Smith, Treas..... }
C. S. Woodward, Sec..... "
J. S. Reid, Asst. Traf. Mgr.. "
¶★✠✪J. P. Walters, Gen. Mgr.. Toledo, Ia

956a—TAMPA & GULF COAST R. R. CO.
86 Mls, 3 Loco, Cars: 12 Frt, 9 Pass, 11 Misc

For officials see S. A. L. Ry., No. 856.

956b—TAMPA & JACKSONVILLE RY. CO. 56 Mls, 3 Loco, Cars: 6 Frt, 3 Pass

F. J. Lisman, Pres..... } 30 Broad, St., New York, N.Y
¶✪G. F. Allen, V.-Pres. & Gen. Mgr..... } Gainesville, Fla
A. de Solas Mendes, V.-Pres. & Gen. Traf. Mgr..... "
C. A. Pound, Treas..... "
H. W. Waits, Sec. G. F. & P. A. & Gen. Supt..... "
J. C. Dunn, Aud. & Supt. Trans. "
J. L. Dwyer, Car Acct..... "
J. M. Dell, Ch. Surg..... "
I. Eads, M. M..... "
D. B. Roberts, Ch. Eng..... "

956c—TAMPA NORTHERN R. R.
See S. A. L. Ry., No. 856.

956d—TAMPA SOUTHERN R. R.
Mileage and Equipment included in A. C. L. Ry., No. 47

D. C. Gillett, Pres.....Tampa, Fla
G. L. Mitchell, Sec....Wilmington, N. C
For other officials see A. C. L. Ry., No. 47.

957—TAVARES & GULF R. R. CO.
37 Mls, 4 Loco, Cars: 2 Pass

For officials, see S. A. L. Ry., No. 856.

957a—TEHUANTEPEC NATIONAL RY.
See Nat. Rys. of Mex., No. 670.

958—TEMISCOUATA RY.
113 Mls, 8 Loco, Cars: 148 Frt, 10 Pass, 11 Misc

J. H. Walsh, Pres.....Sherbrooke, Que
¶✪C. A. Stewart, Sec. & Mgr.. } Rivieredu Loup, Que
J. T. Lavoie, Acct..... }
T. N. Walsh, G. F. & P. A.... "
F. Sawyer, Supt..... "
W. J. Walsh, M. M..... "
J. Levasseur, Track Mast.... "

958a—TEMISKAMING & NORTHERN ONTARIO RY. COMMISSION.

388 Mls, 56 Loco, Cars: 536 Frt, 56 Pass, 304 Misc

✪G. W. Lee, Chman.....North Bay, Ont
J. I. McLaren, Comr.....Hamilton, Ont
L. T. Martin, Comr.....Ottawa, Ont
W. H. Maund, Sec., Treas. & Asst. to Chman..... North Bay, Ont.
R. H. Mitchell, Aud. Rec. & Car Acct..... "
D. Hamilton, Aud. Disb. & Acct "
H. W. Teskey, Aud. Clms... "
A. J. Parr, G. F. & P. A..... "
W. A. Griffin, Supt..... "
S. H. Ryan, Asst. Supt..... "
R. L. Lamb, Asst. Supt..... "
¶G. B. Alford, Pur. Agt. & Str. Kpr. "
§ T. Ross, M. M..... "
W. Black, Gen. For. Loco. Dept "

LOCOMOTIVE FOREMEN.

R. Beatty.....Englehart, Ont
R. Clark.....Cochrane, Ont
E. Thompson.....Timmins, Ont

J. Beath, Gen. Car For.... North Bay, Ont.
W. McMillan, Car For..... "
R. W. Williamson, For. Coach Shop..... "
W. Harwood, For. Paint.... "
R. Stenning, For. Paint.... "
S. B. Clement, Ch. Eng.... "
R. G. Boast, Eng. M. W..... "
W. J. Oldham, B. & B. Mast. "

ROAD MASTERS.

T. Jacobs.....North Bay, Ont
L. Keller.....Porquis Jct., Ont
R. Killins.....Englehart, Ont

958b—TENNESSEE & CAROLINA SO. RY. CO. 31 Mls, Equipment owned—none

For officials see So. Ry. Sys.. No. 937.

959—TENNESSEE & NO. CAROLINA RY. CO. 37 Mls, 4 Loco, Cars: 35 Frt, 6 Pass

C. Boice, Pres.....Newport, Tenn
¶✠✪W. J. Parks, V.-Pres.. "
J. W. Bell, Sec. & Treas.. "
H. S. Mantooth, Aud..... "
C. L. Hawkins, M. M.....Sunburst, N. C

959a—TENNESSEE, ALABAMA & GEORGIA RY.

95 Mls, 6 Loco, Cars: 33 Frt, 1 Misc

W. T. James, Pres..... Chattanooga, Tenn.
¶H. F. Bohr, V.-Pres. (Oper. & Traf.)..... "
J. L. Davies, Sec. & Treas. "
D. E. Hedges, Asst. Treas. & Aud..... "
T. E. Sloan, Car Acct..... "
§ J. F. Ashworth, M. M. Alton Park, Tenn
C. C. Smith, Supvr.. Chattanooga, Tenn

960—TENNESSEE R. R. CO.

70 Mls, 9 Loco, Cars: 4 Frt, 3 Pass, 2 Misc

H. B. Spencer, Chmn. & Pres.....Washington, D. C
V. Spencer, V.-Pres.. "
D. R. MacLeod, Sec. & Treas.....Washington, D. C
¶★§L. E. Smith, Gen. Mgr.. Oneida, Tenn
A. P. New, Rd. Mast..... "

960a—TENNESSEE CENTRAL RY. CO.

293 Mls, 45 Loco, Cars: 505 Frt, 28 Pass, 138 Misc

H. W. Stanley, Pres..... American Trust Bldg., Nashville, Tenn.
B. P. Morse, V.-Pres..... "
W. T. Hale, Jr., Sec..... "
A. R. Baker, Asst. Sec..... "
P. D. Houston, Treas..... "
H. E. Norton, Asst. Treas.... "
W. Stokes, Gen. Coun..... "
W. M. Mooney, Compt..... "
J. T. Terry, Aud..... "
D. R. Carpenter, Clm. Agt.... "
F. A. Moses, Frt. Clm. Agt..... "
J. A. McNeill, Traf. Mgr..... "
C. S. Blackman, G. F. A..... "
J. T. Waddell, Supt..... "
J. L. Carrier, Car Serv. Agt.. "
Dr. L. E. Burch, Ch. Surg..... "
¶J. L. Fossick, Jr., Pur. Agt... "
E. L. Mauk, M. M..... "
R. A. Whitsitt, Asst. M. M.... "
E. B. Berry, Gen. For.. Monterey, Tenn
T. A. Saunders, Gen. For. Car Dept..... Nashville, Tenn.
H. R. Manby, Ch. Eng..... "
W. W. Wyatt, Supvr. B. & B.. "
Geo. McPheron, Rd. Mast.... "

TRACK SUPERVISORS.

S. J. Copeland.....Monterey, Tenn
A. M. Helms.....Nashville, Tenn
J. F. Storie.....Lebanon, Tenn

960b—TENNESSEE, KENTUCKY & NORTHERN R. R. CO.

19 Mls, 2 Loco, Cars: 2 Frt, 4 Pass, 2 Misc

Nashville address, Independent Life Bldg

✪P. E. Clark, Pres..... Nashville, Tenn.
¶✠C. P. Clark, V.-Pres. & Gen. Mgr..... "
F. E. Gillis, Sec., Treas., Aud., G. F. & P. A. & Frt. Clm. Agt. "
C. J. Cullom, Gen. Atty.... Livingston, Tenn.
★D. D. Smith, Supt..... "

961—TERMINAL R. R. ASSOCIATION OF ST. LOUIS.

81 Mls, 134 Loco, Cars: 41 Frt, 12 Pass, 142 Misc

St. Louis Address, Union Station

H. Miller, Pres..... St. Louis, Mo.
F. E. Anderson, Asst. to Pres. "
T. M. Pierce, V.-Pres..... "
C. A. Vinnedge, Sec. & Aud... "
H. D. Heuer, Asst. Sec..... "
G. H. Steinberg, Treas..... "
J. L. Howell, Gen. Atty..... "
F. E. Sawyer, Frt. Aud..... "
H. W. Cox, R. E. Agt..... "
J. A. Mathewson, Gen. Mgr... "
E. H. Harman, Asst. to Gen. Mgr..... "
K. S. Stoner, Ch. Valua. Dept.. "
E. Clemens, Traf. Mgr..... "
H. Schmittgens, Jr., Frt. Clm. Agt..... "
E. R. Hines, Gen. Clm. Agt ... "
A. C. Barnett, G. P. & T. A.... "
D. O'Toole, G. B. A..... "
C. Burlingame, Supt..... "
B. B. Hickman, Supt..... "
W. Y. Brown, Supt. C. S..... "
F. E. Bentley, Supt. Tel..... "

961—TERMINAL R. R. ASSN. OF ST. LOUIS—Cont'd

¶H. A. Smith, Pur. Agt..... } St. Louis,
§ W. Bawden, Supt. M. P. & } Mo.
Equipment..... "
J. J. O'Brien, Supt. Car Dept.... "
G. B. Ross, Elec. Eng..... "
H. J. Pfeifer, Ch. Eng..... "
O. F. Harting, Asst. Ch. Eng... "
B. B. Betts, Supt. Trks. & Struct. "
A. P. Hix, Sig. Eng..... "

962—TEXARKANA & ET. SMITH RY. CO. 81 Mls, Cars: 73 Frt, 7 Pass, 9 Misc

✪J. A. Edson, Pres..... } Kansas City,
G. B. Wood, Asst. to Pres. } Mo.
A. M. Calhoun, Asst. to Pres. "
G. P. Williams, Asst. to Pres.....Beaumont, Tex
J. J. King, V.-Pres.....Texarkana, Tex
J. F. Holden, 2 V.-Pres. (Traffic).....Kansas City, Mo
C. E. Johnston, 3 V.-Pres. "
E. H. Holden, 4 V.-Pres. "
R. H. Tipton, Aud. & Sec..Texarkana, Tex
L. J. Hensley, Asst. Sec..Kansas City, Mo
H. H. Hoar, Treas.....Texarkana, Tex
I. C. McGee, Asst. Treas. Kansas City, Mo
F. H. Moore, Gen. Solr.. "
A. Leckie, Ind. Agt..... "
J. O. Hamilton, G. F. A... } Texarkana,
S. G. Hopkins, G. P. A..... } Tex.
W. C. Rochelle, Clm. Agt... "
W. N. Deramus, Supt..... "
L. W. McBride, Supt. Term.....Port Arthur, Tex
M. T. Fulton, Supvr. Safety & } Kansas
Gen. Fire Prev. Insp..... } City,
R. Hooper, Supt. Tel..... } Mo.
¶B. B. Brain, Pur. Agt..... "
T. J. Clayton, M. M.. Port Arthur, Tex
A. N. Reece, Consl. Eng. Kansas City, Mo
T. F. Quinn, Ch. Eng.. Texarkana, Tex
P. H. Harris, Asst. Eng. Port Arthur, Tex
J. J. Taylor, Supt. B. & B..Texarkana, Tex
G. T. Anderson, Gen. Rd. Mast..... "
B. L. Bowers, Rd. Mast. "

963—TEXAS & NEW ORLEANS R. R., TEXAS STATE R. R.

507 Mls, 49 Loco, Cars: 3,637 Frt, 82 Pass, 343 Misc
Mileage and Equipment also included in S.P. Lines—T. Lines, No. 931a.

Operated by S.P. Lines—T. Lines, No. 931a.

964—TEXAS & PACIFIC RY. CO., THE

1,953 Mls, 348 Loco, Cars: 10,832 Frt, 217 Pass, 1,208 Misc

New York address, 120 Broadway.

EXECUTIVE; FINANCIAL AND LEGAL.

W. H. Williams, Ch. of Bd. New York, N.Y
J. L. Lancaster, Pres.....Dallas, Tex
O. B. Webb, Asst. to Pres. New Orleans, La
O. B. Huntsman, V.-Pres. New York, N.Y
F. J. Shepard, 1 V.-Pres.. "
K. Gould, V.-Pres..... "
C. W. Veitch, Sec. & Treas. "
M. D. Cloyd, Asst. Sec. & Asst. to Pres.....Dallas, Tex
A. L. Ewing, Asst. Treas.... "
C. A. De Gersdorff, Gen. Coun.....New York, N.Y
T. J. Freeman, Gen. Solr. New Orleans, La
T. D. Gresham, Gen. Atty...Dallas, Tex
R. S. Shapard, Asst. Gen. Atty. "
O. F. Ellington, Gen. Clm. Agt. "
L. C. Porter, Asst. Gen. Clm. Agt. "
F. J. Burke, Land & Ind. Comr. "

VALUATION COMMITTEE.

E. F. Mitchell, Ch. Eng.....Dallas, Tex
R. H. Jones, Valua. Eng..... "
W. L. Holder, Land & Tax Comr..... "

ACCOUNTING.

A. J. Mard, Aud.....Dallas, Tex
G. W. Danner, Asst. Aud..... "
D. W. Beddo, Aud. Frt. Rec.. "
F. R. Latimer, Aud. Disb.... "
F. E. Stanbery, Aud. Pass. Rec. "

TRAFFIC.

J. B. Payne, V.-Pres.....Dallas, Tex
A. P. Smirl, Asst. Traf. Mgr.....New Orleans, La

GENERAL FREIGHT AGENTS.

C. W. Brosius.....New Orleans, La
J. A. Lynch.....Dallas, Tex
C. Schonfelder, Jr..... "

ASSISTANT GENERAL FREIGHT AGENTS.

E. L. Billingsley.....Dallas, Tex
H. W. Heafer..... "
R. R. Hollinger..... "
G. D. Hunter, G. P. A.....Dallas, Tex
F. Jensen, Asst. G.P.A. New Orleans, La
L. B. Sandoloski, Asst. G.P.A..Dallas, Tex
Z. J. Reese, G. B. A..... "

OPERATING.

J. A. Somerville, V.-Pres....Dallas, Tex
W. H. Tobin, Asst. Gen. Mgr..... "
H. D. Earl, Gen. Supt..... "

DIVISION SUPERINTENDENTS.

J. W. Knightlinger.....Ft. Worth, Tex
J. McKay.....Alexandria, La
A. E. Pistole.....Big Spring, Tex
R. Wynne.....Denton, Tex
A. J. Chester, Supt. Trans..Dallas, Tex
H. C. Remington, Car Acct. "
F. P. Gillespie, Supt. Tel.... "
L. E. Dix, Fuel Supvr..... "
S. D. Johnson, Supt. Din. Cars.....Ft. Worth, Tex
W. G. Humphrey, Supt. Frt. Loss & Damage Clms.....Dallas, Tex

PURCHASING.

¶F. S. McClung, Pur. Agt.....Dallas, Tex
J. S. Matthias, Gen. Str. Kpr. Marshall, Tex

MECHANICAL.

A. P. Prendergast, Mech. Supt. Dallas, Tex
R. W. Salisbury, Mech. Eng.. "
F. W. Boardman, Gen. M. M. "

MASTER MECHANICS.

J. N. Blue.....Big Spring, Tex
J. E. Friend.....Alexandria, La
J. B. Hardin (Asst.).....Ft. Worth, Tex
F. S. Kelly.....Texarkana, Tex
S. E. Nolan.....Ft. Worth, Tex
D. L. Ringler (Asst.).....Marshall, Tex

ROAD FOREMEN OF ENGINES.

J. R. Dwyer.....McDonoughville, La
W. E. Maxfield.....Ft. Worth, Tex
C. G. Morris.....Big Spring, Tex
D. H. Varnell.....Ft. Worth, Tex

964—TEXAS & PACIFIC—Continued.

G. A. Weber, Supt. Shop..Marshall, Tex
G. Crouse, Asst. Supt. Shops "
D. S. Beckner, Gen. For. Car Dept..... "
W. Schmalzried, Supt. Car Dept.....Dallas, Tex
P. H. Mitchell, Gen. Car Insp.. "
F. J. Jenkins, Gen. Loco. Insp. "
J. Horridge, Mech. Insp..Marshall, Tex
L. H. Murff, Gen. Paint For. "
F. Scarbrough, For. Paint.....Fort Worth, Tex

ENGINEERING, BRIDGES & ROADWAY

E. F. Mitchell, Ch. Eng.....Dallas, Tex
R. H. Gaines, Eng. M. W.... "
E. S. Pennabaker, Prin. Asst. Eng..... "
R. L. Holmes, Eng. Water Supply..... "
C. P. Howes, Brdg. Eng..... "
F. D. Danford, Office Eng... "
T. O. Dean, Supt. Scales..... "

ASSISTANT ENGINEERS.

H. L. Bunn.....Marshall, Tex
E. Evensen.....Dallas, Tex
J. W. Higgs.....Big Springs, Tex
R. E. Lembcke.....Ft. Worth, Tex
F. R. Naylor.....Dallas, Tex
J. E. Thornton..... "
M. S. Toops.....Alexandria, La
F. A. Turner.....Dallas, Tex
R. G. Waggoner..... "

GENERAL ROAD MASTERS.

F. W. Bettle.....Big Spring, Tex
M. Foster.....Ft. Worth, Tex
R. J. Gammie.....Alexandria, La
L. R. Stevens.....Denton, Tex
C. Westerfield.....Addis, La

DISTRICT ROAD MASTERS.

S. V. Aldridge.....Mineola, Tex
T. Andrews.....Toyah, Tex
L. E. Burgett.....Denton, Tex
J. W. Davis.....El Paso, Tex
W. G. Edgar.....Ranger, Tex
J. A. Eland.....Bunkie, La
W. L. Hesterley.....Ft. Worth, Tex
G. P. Hubbard.....Donaldsonville, La
P. Johnson.....Sweetwater, Tex
L. C. Levee.....Addis, La
H. R. Meriwether.....Shreveport, La
J. F. Russom.....So. Mansfield, La
J. B. Sanford.....Bunkie, La
J. D. Stamper.....Big Spring, Tex
C. Stockman.....Texarkana, Tex

SIGNAL DEPARTMENT.

E. P. Weatherby, Sig. Eng..Dallas, Tex
D. R. Graves, Sig. Supvr.... "

965—†TEXAS CENTRAL R. R.

See M.-K.-T.-R. R. Co. of Tex., No. 628b.

966—TEXAS CITY TERMINAL RY. CO.

39 Mls, 7 Loco, Cars: 40 Frt, 3 Pass

A. Smith, Chmn. Bd.. { 38 Wall St., New York, N. Y
H. B. Moore, Pres. & Gen. Mgr.....Texas City, Tex
✪F. W. Parker, Asst. to Pres. & Traf. Mgr..... "
W. T. Armstrong, V.-Pres. & Gen. Coun.....Galveston, Tex
R. Morris, Sec. & Aud.... { Texas City, Tex.
W. A. Lesaer, Treas..... {
✠H. J. Mikeska, Asst. Gen. Mgr. & Ch. Eng..... "
¶S. R. Halstead, Pur. Agt.... "
L. E. Cure, M. M..... "

967—TEXAS-MEXICAN RY. CO., THE

161 Mls, 16 Loco, Cars: 97 Frt, 16 Pass, 10 Misc.

M. T. Cogley, Pres..... { Laredo, Tex.
✪S. W. De Wolf, V.-Pres. & Gen. Mgr..... "
A. B. Muller, Sec. & Treas..... "
R. L. Woodul, Aud. & Car Acct. "
C. M. Fish, Traf. Mgr..... "
W. C. Beman, Asst. Traf. Mgr... "
M. M. Leyendecker, Gen. Supt. "
¶G. B. Winch, Pur. Agt..... "
J. J. Barnett, M. M..... "
T. R. Hale, Rd. Mast..... "

968—TEXAS MIDLAND R. R.

125 Mls, 17 Loco, Cars: 194 Frt, 17 Pass, 13 Misc

¶✪E. H. R. Green, Pres.....Terrell, Tex
W. P. Allen, V.-Pres. & Treas. "
L. R. Bergeron, Sec..... "
✠L. W. Wells, Gen. Mgr. & Car Acct..... "
T. E. Corley, Aud..... "
F. B. McKay, G. F. & P. A... "
§W. M. Paul, M. M..... "

968a—TEXAS, OKLAHOMA & EASTERN R. R. CO.

40 Mls, 2 Loco, Cars: 33 Frt, 3 Pass, 25 Misc

Kansas City address, 700 Gates Bldg.
Hans Dierks, Ch. of Bd. Kansas City, Mo
Herman Dierks, Pres..
M. F. Allen, V.-Pres....De Queen, Ark
★C. C. Ray, V.-Pres. & Traf. Mgr..... "
R. Sutherland, Sec.....Kansas City, Mo
D. V. Dierks, Treas .... "
G. C. Lefler, Aud.....De Queen, Ark
✪F. H. Dierks, Gen. Mgr..Kansas City, Mo
J. M. Campbell, Gen. Supt.....Broken Bow, Okla
W. T. Lyon, Car Acct. "
¶W. R. Latham, Pur. Agt. "
J. C. Leeper, Ch. Eng.... "

968b—TEXAS PACIFIC-MISSOURI PACIFIC TERMINAL R. R. OF NEW ORLEANS.

73 Mls, 2 Loco, Cars: 21 Frt

J. L. Lancaster, Pres.....Dallas, Tex
M. D. Cloyd, Sec. & Treas... "
G. A. Leber, Aud.....New Orleans, La
T. J. Freeman, Gen. Coun. "
J. P. Chapron, Car Acct.. "
E. J. Lampert, Supt.... "
¶F. S. McClung, Pur. Agt.....Dallas, Tex
L. J. Nash, Str. Kpr..... { Gouldsboro, La P. O. McDonoghville
J. J. O'Connell, M. M. "
H. G. Lytle, Term. Eng. New Orleans, La

SESSIONS-STANDARD FRICTION DRAFT GEAR
In use by 205 Companies
Made by Standard Coupler Co.
110 East 42d St., New York

969—TEXAS SHORT LINE RY. CO.
12 Mls, 2 Loco, Cars: 48 Frt

¶✠§✪T. B. Meeks, Pres. & Gen. Mgr. ..... } Grand Saline, Tex.
W. P. Robinson, V.-Pres.. "
U. S. Meeks, Treas. "
A. F. Harn, Aud. "
T. E. Drake, Car Acct. "
A. H. Welch, M. M. "

970—TEXAS SOUTH-EASTERN R. R. CO.
60 Mls, 12 Loco, Cars: 184 Frt, 3 Pass, 2 Misc

T. L. L. Temple, Pres. Texarkana, Tex
A. Temple, V.-Pres. "
¶✪E. C. Durham, V.-Pres., Treas. & Gen. Mgr. Diboll, Tex
R. E. Minton, Gen. Atty. Lufkin, Tex
C. A. Jordan, Sec. & Aud. Diboll, Tex
W. G. Menefee, G. F. A. "
Dr. J. R. Dale, Jr., Ch. Surg. "
A. Ferguson, Supt. M. P. "
G. W. Hoover, M. C. B. "
D. C. Kenley, Ch. Eng. "
D. D. Devereaux, Rd. Mast. "

971—TEXAS STATE R. R.
See Texas & New Orleans R. R., No. 963.

972—THORNTON & ALEXANDRIA RY. CO. 25 Mls, 1 Loco, Cars: 1 Frt, 1 Pass

¶★✠✪W. C. Ribenack, Pres. Thornton, Ark
F. W. Niemeyer, Sec., Treas. & Mgr. "
J. M. Robinson, Aud. "
G. F. Thomas, Traf. Mgr. Little Rock, Ark
W. C. Chamberlin, Asst. Mgr. Thornton, Ark

973—THOUSAND ISLANDS RY. CO., THE 6 Mls, 2 Loco, Cars: 2 Frt, 2 Pass, 1 Misc

H. W. Thornton, Pres. Montreal, Que
H. W. Cooper, Mgr. Gananoque, Ont
H. A. Cooper, Rd. Mast. "

974—TIDEWATER SOUTHERN RY. (Electric).
65 Mls, 3 Loco, (including 2 Electric), Cars: 1 Frt, 3 Pass, 1 Misc

San Francisco address, Mills Bldg.
Stockton address, 101 E. Weber Ave.
C. Elsey, Pres. & Treas. San Francisco, Cal
C. Taylor, V.-Pres. } 37 Wall St., New York, N. Y
W. G. Bruen, Sec. } San Francisco, Cal
D. C. DeGraf, Aud. "
J. W. McClymonds, Mgr. Perish. Frt. Dept. "
★✠✪E. L. Gamble, Mgr. Stockton, Cal
¶C. F. Post, Pur. Agt. San Francisco, Cal
W. H. Evans, Elec. Eng. Stockton, Cal

975—TIJUANA & TECATE RY. CO.
44 Mls. Equipment owned, none.
For officials see S. D. & A. Ry., No. 875.

976—

977—TIONESTA VALLEY RY. CO.
40 Mls, 3 G, 11 Loco, Cars: 586 Frt, 4 Pass, 7 Misc

New York address, 17 Battery Place.
Williamsport address, 330 Government Place.
✪P. M. Newman, Pres. Williamsport, Pa
W. H. Harkness, V.-Pres. New York, N. Y
W. H. Hough, Sec. & Gen. Aud. } Williamsport, Pa.
W. C. Zeigler, Treas. & Car Acct. "
A. F. Jones, Gen. Solr. Ridgway, Pa
C. F. Bower, Aud. Rec. & Disb. } Williamsport, Pa.
H. J. Welsh, G. F. & P. A. "
L. C. Warren, Gen. Mgr. "
★§H. A. Gibson, Supt. Sheffield, Pa
¶A. T. Lynch, Pur. Agt. New York, N. Y
C. A. Derr, Asst. Eng. Williamsport, Pa

978—TOLEDO & INDIANA R. R. CO. (Electric.)
56 Mls, 2 Loco, Cars: 20 Frt, 9 Pass, 5 Misc

Toledo address, 714 Washington St.
✪L. G. Van Ness, Pres. Toledo, O
C. T. Dehore, V.-Pres. "
¶✠✪H. C. Warren, V.-Pres. & Gen. Mgr. "
L. E. Eastman, Sec. "
M. M. Miller, Treas. "
J. P. Longon, Aud. & G. F. & P. A. "
R. H. Dilts, Gen. For. Car Shops Stryker, O

—† TOLEDO & OHIO CENTRAL RY. CO., THE
See Ohio Central Lines, No. 693c.

979—TOLEDO & WESTERN RY. CO. (Electric).
75 Mls, 6 Loco, Cars: 23 Frt, 16 Pass, 3 Misc

J. N. Willys, Pres. Toledo, O
✪J. E. Taussig, Exec. V.-Pres. St. Louis, Mo
A. B. Qualy, Sec. Toledo, O
J. H. Gerkens, Treas. "
J. J. Quill, Local Treas. Sylvania, O
M. O. Hoeggen, Aud. "
J. W. Anderson, Traf. Mgr. "
¶✪H. O. Kelley, Gen. Mgr. "
B. G. Towers, Gen. For. Equip. "
F. J. Cronin, Supvr. Maint. "

979a—TOLEDO, ANGOLA & WESTERN RY. CO., THE
10 Mls, 3 Loco, Cars: 5 Frt

Cleveland address, Engineers' Bldg.
Toledo address, Box 858.
A. C. Dustin, Pres. Cleveland, O
J. B. John, V.-Pres. "
E. J. McGuire, Sec. & Treas. "
F. P. Conrad, Aud. Toledo, O
G. W. Cole, Traf. Mgr. Cleveland, O
¶★C. J. Cainon, Gen. Mgr. Toledo, O
K. C. Eley, Car Acct. "
S. M. Marenko, Rd. Mast. "

979b—TOLEDO, BOWLING GREEN & SOUTHERN TRACTION CO.
51 Mls, 7 Motors, Cars: 19 Frt.
¶C.F. Smith, Gen. Mgr. & Pur. Agt.....Findlay, O
C. B. Baker, Aud..... "
E. Hamprecht, G. F. A..... "
R. N. Hamblin, Supt..... "
D. Riedel, Supt. M. P..... "
F. Miller, Rd. Mast..... "

979c-TOLEDO-DETROIT R. R.
For officials see D. T. & I. R. R., No. 287.

980—TOLEDO, PEORIA & WESTERN RY. CO.
248 Mls, 28 Loco, Cars: 1,162 Frt, 28 Pass, 52 Misc
Receiver appointed July 2, 1917.
¶✪S. M. Russell, Recr.....Peoria, Ill
J. M. Elliott, Gen. Coun..... "
G. C. Knoche, Sec..... "
F. L. Fox, Treas..... "
R. S. Hay, Gen. Aud..... "
D. Mowat, G. F. & P. A..... "
H. O'Connor, Asst. G. P. A... "
F. R. Eckard, Supt..... "
T. N. Kucher, M. M..... "
E. Hess, Asst. M. M..... "
J. Stevens, Ind. For. Eng..... "
W. Hassman, For. Loco. Rep. "
I. M. Grimm, For. Car Shops. "
G. Busker, For. Paint Shop.. "
J. H. Markley, Mast. B. & B... "
ROAD MASTERS.
J. Conners.....Fairbury, Ill
D. K. Sharpe.....La Harpe, Ill

—† TOLEDO, ST. LOUIS & WESTERN R. R. CO.
See N. Y., C. & St. L. R. R., No. 695c.

981—TOLEDO TERMINAL R. R. CO.
77 Mls, 21 Loco, Cars: 13 Frt, 44 Misc
✪A. B. Newell, Pres. & Gen. Mgr. Toledo, O
L. C. Reddish, Asst. to Gen. Mgr..... "
W. L. Ross, V.-Pres..... "
D. C. Follas, Sec. & Aud..... "
¶C. H. McKeand, Treas. & Pur. Agt..... "
E. J. Marshall, Gen. Solr..... "
H. W. Fraser, Gen. Atty..... "
J. F. Withrow, Supt..... "
C. H. Rowell, Car Acct..... "
C. Hyland, Mech. Supt..... "
J. Wanbecq, Ch. Eng..... "
R. Stephens, Eng. M. W..... "

981b—TOLUCA & ZITACUARO R. R.
40 Mls, 3 G, 3 Loco, Cars: 30 Frt, 2 Pass, 6 Misc
4 miles additional under construction.
W. McLachlan, Gen. Mgr.....{ Zitacuaro, Michoacan, Mex

982—TOLUCA, TENANGO & SAN JUAN RY.
35 Mls, 3 G, 7 Loco, Cars: 79 Frt, 39 Pass, 5 Misc
J. Henkel, Pres.....Toluca, Mex
A. A. Henkel, 1 V.-Pres..... "
A. M. Henkel, 2 V.-Pres..... "
E. Henkel, Gen. Mgr..{ Isabel La Catolica No. 24, Mexico City, Mex
G. Barrios, Asst. Mgr.....Toluca, Mex
¶H. Hermanos, Pur. Agt..... "
M. Pineda, M. M..... "
C. B. Garcia, Rd. Mast..... "

982a—TONOPAH & GOLDFIELD R. R. CO. 110 Mls, 10 Loco, Cars: 128 Frt, 5 Pass, 8 Misc
✪M. B. Cutter, Pres..... { Philadelphia, Pa.
W. L. Haehnlen, V.-Pres. { Pa.
W. F. Hensnaw, Sec. & Treas..... "
H. F. Wood, Asst. Treas. Goldfield, Nev
R. S. Titlow, Aud. & Traf. Mgr..... "
¶R. W. Cattermole, Supt. & Ch. Eng..... "
§ W. H. Snyder, M. M..... "
B. M. Stout, Supvr. Trk.. "

982b—TONOPAH & TIDEWATER R.R.
169 Mls, 5 Loco, Cars: 34 Frt, 4 Pass, 6 Misc
New York address, 100 William St.
R. C. Baker, Pres... { 1014 Central Bldg., Los Angeles, Cal.
D. W. Van Buskirk, V.-Pres.....New York, N. Y
C. B. Zabriskie, 1st V.-Pres., Gen. Mgr. & Treas....Los Angeles, Cal
J. C. Lynch, Sec.....New York, N.Y
H. Escherich, Aud.....Wilmington, Cal
F. M. Jenifer, Traf. Mgr. & Asst. Gen. Mgr..... { Los Angeles, Cal.
¶W. B. Hinchman, Asst. Traf. Mgr. & Pur. Agt. { Wilmington, Cal.
W. W. Cahill, Supt.. .....Stagg, Cal
L. C. Pearse Str. Kpr..... "
J. W. Stalker, M. M..... "
C. M. Rasor, Ch. Eng...Los Angeles, Cal
B. S. Horton, Rd. Mast.....Stagg, Cal

983—TOOELE VALLEY RY. CO.
7 Mls, 6 Loco, Cars: 80 Frt, 7 Pass, 1 Misc
New York address, 25 Broadway
Salt Lake City address, 818 Kearns Bldg.
✪W. Wraith, Pres..... { New York, N. Y.
D. B. Hennessy, Sec. & Treas. { N. Y.
¶J. B. Whitehill, Asst. Sec., & Asst. Treas..... { Salt Lake City, Utah
A. D. Hunter, Aud..... "
E. R. Phelps, G. F. & P. A.... "
J. O. Elton, Mgr..... "
★✠E. G. Smith, Supt.....Tooele, Utah

984—TORONTO, HAMILTON & BUFFALO RY. CO., THE
104 Mls, 32 Loco, Cars: 1,374 Frt, 26 Pass, 51 Misc
✪J. N. Beckley, Pres.....Rochester, N. Y
E. W. Beatty, V.-Pres....Montreal, Que
E. F. Stephenson, Sec.....{ 466 Lexington Ave., New York, N. Y.
H. G. Snelling, Treas. "
E. Freeman, Asst. Treas. "
W. C. Wishart, Compt. "
W. E. Hackett, Local Treas...{ Detroit, Mich.
E. A. Wigren, Auditor.....
H. J. Van Vleck, Asst. to Aud.. "
R. R. Richards, Asst. Aud..... "
F. W. Sparling, Aud. Disb..... "
W. J. Daeschner, Aud. Frt. Acct. "
H. J. Broderick, Aud. Pass. Accts..... "

984—TORONTO, HAMILTON & BUFFALO—Cont'd.
J. M. Eedson, Frt. Clm. Agt. } Hamilton, Ont.
G. C. Martin, Gen. Traf. Mgr. }
R. F. Hill, G. F. & P. A. ..... "
✪H. T. Malcolmson, Gen. Mgr. .. "
A. I. Coombes, Asst. to Gen. Mgr. "
W. J. Warnick, Supt. ..... "
A. E. Lock, Supt. C. S. ..... "
¶H. H. Disher, Pur. Agt. ..... "
W. T. Kuhn, Supt. M. P. ..... "
R. L. Latham, Ch. Eng. ..... "
J. Millard, Rd. Mast. ..... "
A. A. Hurst, Sig. Supvr. ..... "

985—TOWNSVILLE R. R., THE
12 Mls, 1 Loco, Cars: 1 Misc
¶✪S. R. Adams, Gen. Mgr. Townsville, N. C

986—TREMONT & GULF RY. CO.
67 Mls, 7 Loco, Cars: 319 Frt, 3 Pass, 8 Misc
J. S. Joyce, Pres. .. } 832 So. Michigan Ave Chicago, Ill.
¶✪E. Ford, V.-Pres. & Gen. Mgr. } Winnfield, La.
J. T. DeLoach, Sec. ..... "
A. P. Tugwell, Treas., Aud. & Car Acct. ..... "
A. L. Smith, Supt. ..... "
W. Parker, M. M. ..... "
E. L. Bender, Rd. Mast. ..... "

986a—TRINITY & BRAZOS VALLEY RY. CO., THE
67 Mls, 36 Loco, Cars: 1,387 Frt, 19 Pass, 10 Misc
Receiver appointed June 16, 1914.
¶J. A. Hulen, Recr. & Pur. Agt. } Houston, Tex.
V. C. James, Asst. to Recr. .. } Tex.
R. G. Ballinger, Treas. ..... "
D. C. Haggart, Aud. ..... "
F. H. Comiskey, Frt. Clm. Agt "
C. N. Hiett, Gen. Clm. Agt. .... "
J. T. Bowe, G. F. & P. A. ..... "
A. G. Whittington, Gen. Supt. Teague, Tex
E. C. Lilley, Asst. Gen. Supt. "
J. A. Logan, Supt. C. S. ....Houston, Tex
W. D. McKoy, R. of W. & Tax Agt. .....Ft. Worth, Tex
I. C. Critz, Str. Kpr. .....Teague, Tex
J. D. Maupin, Supt. M. P. & Equip. ..... "
F. A. Irwin, Gen. For. Loco. Dept. ..... "
R. R. Tuley, Car For. ..... "
G. L. Thompson, For. Paint Shop. ..... "
G. H. Peter, Eng. .....Houston, Tex
B. M. Hudson, Supt. B. & B. Teague, Tex
T. J. Hunt, Rd. Mast. ..... "
J. G. Meenan, Rd. Mast. ..... "

987—TRINITY VALLEY & NORTHERN RY. CO.
18 Mls, 1 Loco, Cars: 2 Frt, 1 Pass (Motor)
J. M. West, Pres. .....Houston, Tex
W. Davis, V.-Pres. .....Dallas, Tex
★§C. B. Granbury, V.-Pres. Houston, Tex
T. H. Monroe, Sec. & Treas. "
J. D. Harris, Jr., Asst. Sec.-Treas., Aud. & G. F. A. Dayton, Tex
S. R. Hardy, Aud., Traf. Mgr. & Asst. Sec. Treas. Houston, Tex
R. R. Booth, Traf. Mgr. .... "

988—TRINITY VALLEY SOUTH'N R. R CO.
6 Mls, 2 Loco, Cars: 1 Pass
A. C. Ford, Pres. ..... } Houston, Tex.
J. W. Reynolds, 1 V.-Pres. .. }
J. W. Ferguson 2 V.-Pres. St. Louis, Mo
✠P. T. Sanderson, Sec. & Gen. Mgr. ..... } Trinity, Tex.
N. P. Sanderson, Treas. Texarkana, Tex
H. M. Jay, Aud. .....Memphis, Tenn
J. P. Towery, Gen. Clm. Agt. ..... } Shreveport La.
W. J. Yardley, Traf. Mgr. St. Louis, Mo
★R. T. Walker, Supt. .....Oakhurst, Tex
¶J. D. Ferguson, Pur. Agt. St. Louis, Mo

988a—TRONA RY. CO.
31 Mls, 2 Loco, Cars: 7 Frt, 1 Pass
¶★✠✪F. W. Viewegs, Pres. .....Trona, Cal
S. W. Austin, V.-Pres. ..... } 537 I. W. Hellman Bldg., Los Angeles, Cal.
O. W. Tuckwood, Aud. & Traf. Mgr. .....Trona, Cal

989—TROY UNION R. R. CO.
2 Mls. Equipment owned—none
¶★✠F. A. Richardson, Supt. Troy, N. Y

989a—TUCKASEEGEE & SOUTH EASTERN RY. CO.
12 Mls, 1 Loco, Cars: 9 Frt, 2 Pass (Motor) 1 Misc.
J. Keys, Pres. .....Washington, D. C
M. L. Harrison, V.-Pres. East Radford, Va
N. M. Davidson, Sec. & Treas. ..... } East Lake, N. C.
¶✠H. W. Price, Aud., Pur. Agt & Traf. Mgr. ..... "
✪J. E. Walker, Gen. Mgr. ..... "
★V. R. Rieley, Gen. Supt. ..... "

990—TUCKERTON R. R. CO.
29 Mls, 3 Loco, Cars: 3 Frt, 3 Pass
T. P. Price, Pres. .....Tuckerton, N. J
¶★✠G. H. Bowen, Gen. Mgr. "
W. Selfridge, V.-Pres. & Treas. .....Philadelphia, Pa
G. J. Banse, Sec. & Asst. Treas. ..... "

990a—TUCSON, CORNELIA & GILA BEND R. R. CO.
44 Mls, 2 Loco, Cars: 104 Frt, 1 Pass, 3 Misc
L. D. Ricketts, Pres. ..... } Warren, Ariz.
✪✠J. C. Greenway, V.-Pres. & Gen. Mgr. ..... "
J. E. Curry, Treas. ..... "
J. F. Bankerd, Asst. Sec. & Asst. Treas. ..... "
W. C. Barnes, Traf. Mgr. El Paso, Tex
M. Curley, Gen. Supt. .....Ajo, Ariz
★T. Hicklin, Supt. ..... "
¶G. Jay, Pur. Agt. .....Warren, Ariz

991—TUSCARORA VALLEY R. R. CO.
27 Mls, 3 G, 2 Loco, Cars: 25 Frt, 3 Pass, 2 Misc
✪J. E. Robertson, Pres. ..Blairs Mills, Pa
W. Hertzler, Sec. .....Port Royal, Pa
D. B. Hower, Treas. ..... "
G. W. Couch, Aud. ..... "
Y. H. Krebs, Supt. ..... "
¶✠✪H. C. Hower, Gen. Mgr. "
D. M. Shearer, M. M. ....Blairs Mills, Pa

992—TUSKEGEE R. R. CO.

10 Mls, 2 Loco, Cars: 1 Frt, 2 Pass

6 miles additional under construction.

✪W. G. Mitchell, Pres.... .Tuskegee, Ala
¶✠W. Runnette, Sec., Treas. & Gen. Mgr..... "
E. C. Becker, Aud.....Atlanta, Ga
G. E. Boulineau, G. F. A.... "
J. P. Billups, Gen. Pass. Agt. "
J. A. Craig, Frt. Claim Agt. "
§D. M. McMillan, M. M.....Tuskegee, Ala

993—

994—UINTAH RY. CO., THE

70 Mls, 3 G, 13 Loco, Cars: 122 Frt, 4 Pass, 13 Misc

Philadelphia address, 1600 Arch St.

A. W. Sewall, Pres..... } Philadelphia, Pa.
A. L. Robinson, V.-Pres. .... }
E. R. Riter, Sec..... "
I. Atkinson, Treas..... "
W. D. Halpin, Asst. Sec. & Asst. Treas.....Mack, Col
W. A. O'Donnell, Solr..... } Philadelphia, Pa.
F. E. Deitlin, Aud.... ..... }
F. A. Kennedy, Clm. Agt.....Mack, Col
J. P. Brown, Traf. Mgr. Philadelphia, Pa
J. McAndrews, G. F. A....Vernal, Utah
✪L. C. Sprague, Gen. Mgr.....Mack, Col
W. L. Rader, Supt..... "
¶F. G. Morss, Pur. Agt. & Eng.. "
H. S. Schafer, Gen. For. M. P..Atchee, Col
E. Coulahan, Supvr. B. & B.. "
J. Gallagher, Rd. Mast..... "

995—ULSTER & DELAWARE R.R. CO.

129 Mls, 29 Loco, Cars: 170 Frt, 53 Pass, 12 Misc

✪E. Coykendall, Pres..... } Kingston, N.Y.
T. C. Coykendall, V.-Pres... }
H. H. Flemming, Sec. & Gen. Coun..... "
F. Coykendall, Treas..... "
J. R. Thompson, Gen. Aud... "
¶T. W. Flemming, Traf. Mgr. & Pur. Agt..... "
L. Phelps, Supt..... "
J. P. Reading, Car Acct..... "
M. J. Powers, Str. Kpr..... "
§ M. R. Coutant, M. M..... "
W. L. Fales, Rd. Mast..... "

996—UNADILLA VALLEY RY. CO.

20 Mls, 3 Loco, Cars: 16 Frt, 5 Pass

New York address, 27 Cedar St.

L. R. Morris, Pres.....New York, N.Y
W. Howe, Sec. & Treas... "
C. L. Matteson, Aud..... } New Berlin, N.Y.
R. T. Reidenbach, G. F. & P. A..... }
¶★✠✪H. A. Brome, Gen. Mgr. "

997—998—999—

1000—UNION FREIGHT R. R.

2 Mls, 8 Loco. Cars owned—none

Boston address, 87 Atlantic Ave.

✪R. D. Fitzmaurice, Gen. Supt. } Boston, Mass.
A. J. Connolly, Supt..... }

1001—UNION PACIFIC SYSTEM.

COMPRISING

1001d—Los Angeles & Salt Lake R. R.
1001b—Oregon Short Line R. R.
1001c—Oregon-Washington R. R. & Nav. Co.
1001a—Union Pacific R. R.

9,626 Mls, 1,882 Loco, Cars: 56,182 Frt, 1,349 Pass 4,587 Misc

Mileage and equipment also shown separately for each road.

System Officials.

Chicago address, 38 E. Washington St.
New York address, 120 Broadway.
Omaha address, 1416 Dodge St.

R. S. Lovett, Ch. of Bd..New York, N.Y.
Carl R. Gray, Pres..... } Omaha, Neb.
J. L. Haugh, Asst. to Pres.... }
¶E. E. Adams, Asst. to Pres..... "
E. E. Calvin, V.-Pres. (Operation) "
W. H. Guild, Asst. to V.-Pres... "
G. H. Sines, Asst. to V.-Pres.... "
H. M. Adams, V.-Pres. (Traffic) "
F. W. Charske, V.-Pres. & Controller..... } New York, N.Y.
H. A. Scandrett, V.-Pres...Omaha, Neb
Thomas Price, Sec..... } New York, N.Y.
E. M. Kindler, Asst. Sec.... }
O. C. Kahn, Asst. Sec..... "
E. G. Smith, Treas..... "
T. C. Richards, Asst. Treas. "
H. W. Clark, Gen. Coun..... "
G. P. Turner, Valua. Off....Omaha, Neb
H. S. Bradt, Asst. Cont....New York, N.Y
G. E. Bissonnet, Gen. Aud.... } Omaha, Neb.
H. S. Walker, Asst. to Gen. Aud. }
F. W. Robinson, Frt. Traf. Mgr... "

ASST. FREIGHT TRAFFIC MANAGERS.

F. L. Peakins..... ....Chicago, Ill
R. R. Mitchell.....Omaha, Neb

L. T. Wilcox, Asst. to Frt. Traf. Mgr.. .....Omaha, Neb
A. V. Kipp, Asst. Traf. Mgr..... .....San Francisco, Cal
W. S. Basinger, Pass. Traf. Mgr. } Omaha, Neb.
J. P. Cummins, Asst. to Pass. Traf. Mgr..... }
E. J. Hanson, Gen. Agt. Refrigerator Service..... "
G. L. Whipple, Gen. Supt. Trans. "
W. F. Hayes, Gen. Supvr. Time. Serv..... "
J. E. Mallette, Supvr. Mail Traf. "
R. A. Smith, Supvr. of Agri.... "
F. E. Lewis, Mgr. Din. Car & Hotel Dept.....Ogden, Utah
¶G. W. Bichmeir, Gen. Pur. Agt. } Omaha, Neb.
U. K. Hall, Gen. Supvr. Strs.. }
J. L. Sullivan, Gen. Trav. Str. Kpr. "
R. L. Hunsley, Ch. Eng..... "
T. R. Rutledge, Asst. to Ch. Eng. "
A. H. McKeen, Sig. Eng..... "
G. H. Trout, Bridge Eng..... "

For other officials see separate representation of each road following:

UNION PACIFIC SYSTEM – Continued.

1001a—Union Pacific R. R. Co.

3,691 Mls, 1,017 Loco, Cars: 30,396 Frt, 784 Pass, 2,443 Misc

(Mileage and equipment also included in Union Pacific Sys., No. 1001.)

Omaha address, 15th & Dodge Sts.

OPERATING.

W. M. Jeffers, Gen. Mgr. ..... } Omaha,
D. C. Olmstead, Asst. to Gen. Mgr. } Neb.
W. L. Richards, Asst. to Gen. Mgr. "
R. L. Chumbley, Asst. to Gen. Mgr. "
N. A. Williams, Gen. Supt. ..... Cheyenne, Wyo
H. J. Plumhof, Gen. Supt. Kansas City, Mo

SUPERINTENDENTS.

C. C. Barnard ..... Denver, Col
H. A. Connett ..... Green River, Wyo
C. E. Hedrix ..... Marysville, Kan
C. A. Moore ..... Kansas City Mo
J. E. Mulick ..... Omaha, Neb
W. C. Wolcott ..... Cheyenne, Wyo

ASSISTANT SUPERINTENDENTS.

A. L. Coey ..... Green River, Wyo
P. Groome ..... Denver, Col
F. C. Paulsen ..... Cheyenne, Wyo
W. C. Shelver ..... Omaha, Neb

M. M. Hinchey, Car Serv. Agt. } Omaha,
A. R. McNitt, Frt. Clm. Agt. ... } Neb.
H. A. Hansen, Supt. Din. Car & Hotel Dept. ..... "
P. F. Frenzer, Supt. Tel. ..... "
Dr. A. F. Jonas, Ch. Surg. ..... "

LEGAL AND ACCOUNTING.

N. H. Loomis, Gen. Solr. ..... } Omaha,
E. Rich, Asst. Gen. Solr. ..... } Neb.
G. G. Holcomb, Tax Comr. ..... "
J. M. Shively, Land Comr. ..... "
S. J. Peterson Gen. Clm. Agt. ... "
H. A. Toland, Aud. ..... "
C. J. Merriam, Asst. Aud. ..... "
E. J. Doolin, Aud. Misc. Acct. .. "
B. Lancaster, Aud. Disb. ..... "
H. B. Ochiltree, Aud. Frt. Accts. "
T. H. Ochiltree, Aud. Pass. Accts. "
M. L. Stone, Aud. Equip. Serv. Accts "
C. T. Cullen, Asst. Treas. ..... "

TRAFFIC.

G. Waldo, Asst. Frt. Traf. Mgr. ..... Omaha, Neb
F. B. Choate, G. F. A. ..... "
H. G. Kaill, G. F. A. ... Kansas City, Mo

ASSISTANT GENERAL FREIGHT AGENTS.

C. W. Axtell ..... Omaha Neb
W. H. Dana ..... "
G. W. Hamilton ..... "
W. T. Price ..... Denver, Col

W. H. Murray, G. P. A. ..... Omaha, Neb

ASSISTANT GENERAL PASSENGER AGENTS.

G. R. Bierman ..... Omaha, Neb
W. K. Cundiff ..... Denver, Col
J. O. Goodsell ..... Omaha, Neb

G. L. Alley, G. B. A. ..... Omaha, Neb

PURCHASING.

¶ G. C. Smith, Pur. Agt. ..... } Omaha,
O. Nelson, Gen. Str. Kpr. ..... } Neb.
L. T. Hoffman, Trav. Str. Kpr. .. "
A. B. Rutherford, Sta. ..... "

DIVISION STORE KEEPERS.

C. W. Craig (Asst.) .. Green River, Wyo
J. J. Hansen ..... Omaha, Neb
A. R. Mullens ..... Cheyenne, Wyo
J. F. Rex ..... } Armstrong Sta., Kansas City, Kan
H. E. Stephenson ..... Denver, Col
W. Weindel ..... St. Joseph, Mo

MECHANICAL.

O. S. Jackson, Supt. M. P. & Mach. ..... Omaha, Neb
J. W. Highleyman, Asst. Supt. M. P. & Mach. ..... "
A. H. Fetters, Mech. Eng. ... "

MASTER MECHANICS.

J. W. Burnett ..... Cheyenne, Wyo
H. L. Ellerbush ..... Marysville, Kan
J. Gogerty ..... Green River, Wyo
A. V. James ..... Grand Island, Neb
W. J. Kirsch ..... Kansas City, Kan
J. A. Turtle ..... Denver, Col

ROAD FOREMEN OF ENGINES.

J. C. Coolican ..... Evanston, Wyo
A. Howard ..... Cheyenne, Wyo
G. A. Jordan ..... Green River, Wyo
O. B. Kerr ..... Marysville, Kan
G. Lucas ..... Cheyenne, Wyo
J. M. McNeil ..... Grand Island, Neb
J. W. Neal ..... Denver, Col
H. J. Nottage ..... Cheyenne, Wyo
C. O'Neal ..... Kansas City, Kan
E. W. Peacock ..... Cheyenne, Wyo
R. W. Robinson ..... Council Bluffs, Ia

W. M. Barr, Consult. Chem. Omaha, Neb
E. J. Cole, Supt. Shops ..... "
O. Jabelman, Supt. Shops ..... Cheyenne, Wyo
K. A. Svehson, Gen. Car Insp. } Omaha,
E. E. Owens, Gen. Boiler Insp. } Neb.
V. R. Hasty, Elec. Eng. ..... "
G. H. Likert, Fuel Eng. ..... "
J. R. MacDonald, Gen. Air Brake Insp. ..... "

GEN. FOREMEN CAR DEPARTMENT.

C. Finlayson ..... Omaha, Neb
P. McNamara ..... Denver, Col
D. M. Raymond ..... Council Bluffs, Ia
J. E. Scott ..... Cheyenne, Wyo
J. B. Sleightholm ... } Armstrong Sta., Kansas City, Kan

GEN. FOREMEN LOCOMOTIVE DEPARTMENT

C. H. Doerr ..... Omaha, Neb
R. H. Fasen ..... Cheyenne, Wyo
G. W. Kern ..... } Armstrong Sta., Kansas City, Kan
C. W. Vaughn ..... Denver, Col

ENGINEERING, BRIDGES & ROADWAY

R. B. Robinson, Eng. M. W. .. Omaha, Neb
W. L. Brayton, Brdg. Eng. .. "
W. H. Hulsizer, Valua Off. .. "

PINTSCH LIGHT USED ON 217 RAILROADS The Safety C. H. & L. Co. 2 Rector St., New York.

UNION PACIFIC SYSTEM—Continued.

1001a—Union Pacific R. R.—Cont.

DIVISION ENGINEERS.

G. J. Adamson.....Green River, Wyo
R. M. Jolley.....Omaha, Neb
A. R. Jurden.....Kansas City, Mo
W. H. Lowther.....Cheyenne, Wyo
S. H. Osborne.....Denver, Col
W. A. Parker.....Marysville, Kan

SUPERVISORS BRIDGES AND BUILDINGS.

W. A. Batey.....Omaha, Neb
E. C. Clausen.....Cheyenne, Wyo
C. H. Land.....Denver, Col
T. O. Lunday.....Kansas City, Mo
G. T. Ray.....Marysville, Kan
G. Wilson.....Green River, Wyo

GENERAL ROAD MASTERS.

J. L. Gallavan.....Denver, Col
A. Jung.....Kansas City, Mo
B. H. Moon.....Marysville, Kan
L. J. Overman.....Green River, Wyo
N. C. Peterson.....Omaha, Neb
O. C. Wilkes.....Cheyenne, Wyo

ROAD MASTERS.

E. Bennetson.....Grand Island, Neb
J. R. Bitney.....
O. J. Bostrom.....Green River, Wyo
I. M. Brittain.....Denver, Col
W. Bundy.....Grand Island, Neb
M. Canavan.....Laramie, Wyo
C. O. Carroll.....Marysville, Kan
J. J. Culliton.....Kansas City, Kan
W. A. Davidson.....Kearney, Neb
M. T. Dearden.....Rawlins, Wyo
J. Esse.....Evanston, Wyo
C. Feucht.....Salina, Kan
C. Fisher.....Oakley, Kan
J. E. Foreman.....Columbus, Neb
J. Gordon.....Marysville, Kan
J. Greening.....Salina, Kan
C. F. Hideman.....Sterling, Col
G. Iverson.....Sidney, Neb
F. Kloke.....Valparaiso, Neb
H. E. Martens.....Omaha, Neb
B. L. Melody.....Hugo, Col
J. Moran.....North Platte, Neb
I. Ohlund.....Cheyenne, Wyo
C. C. Ramsdell.....Denver, Col
F. Ratcliff.....Onaga, Kan
R. S. Reed.....Marysville, Kan
E. Sandell.....Manhattan, Kan
P. Shields.....Kearney, Neb
C. E. Souser.....Gering, Neb
J. H. Stickler.....Rock Springs, Wyo
J. E. Swanson.....Oakley, Kan
G. H. Warfel.....Fremont, Neb

SIGNAL DEPARTMENT.

F. W. Pfleging, Sig. Eng...Omaha, Neb

SUPERVISORS SIGNALS.

H. R. Dahlstrom.....Cheyenne, Wyo
E. C. Grant.....Denver, Col
T. W. Hays (Act.)....Green River, Wyo
R. S. Turner.....Omaha, Neb
G. A. Ziehlke.....Kansas City, Mo

For other officials see U. P. Sys., No. 1001.

1001b—Oregon Short Line R. R.

2,490 Mls, 380 Loco, Cars: 13,497 Frt, 261 Pass, 1,224 Misc

(Mileage and equipment also included in Union Pacific Sys., No. 1001.)

Salt Lake City address, Deseret News Building.

OPERATING.

H. V. Platt, Gen. Mgr..... } Salt Lake
C. M. Ball, Asst. to Gen. Mgr. } City, Utah
M. O. Willard, Asst. to Gen. Mgr..... "
R. A. Pierce, Gen. Supt. Pocatello, Idaho

SUPERINTENDENTS.

C. E. Brooks.....Pocatello, Idaho
R. E. Brooks..... "
J. E. Davis (Asst.). Salt Lake City, Utah
E. C. Manson.....Pocatello, Idaho
L. G. Sloan (Asst.)...Montpelier, Idaho
R. E. Titus (Asst.).....Nampa, Idaho

T. S. Kinnersley, C. S. A.... } Salt Lake
H. Bruner, Frt. Clm. Agt... } City, Utah
M. H. Brown, Supt. Teleg'ph "
Dr. S. H. Pinkerton, Ch. Surg. "
F. W. Gentsch, Supt. Din. Car & Hotel Dept.....Ogden, Utah
H. B. Glaze, Gen. Fire & Scale Insp.....Salt Lake City, Utah
D. J. Elrod, Sanitary Insp.....Pocatello, Idaho
C. T. Bailey, Ch. Safety Agt..... } Salt Lake City, Utah.

LEGAL AND ACCOUNTING.

G. H. Smith, Gen. Solr..... } Salt Lake
E. M. Sawyer, Tax Agent... } City, Utah
L. E. Abbott, Gen. Clm. Agt.. "
C. H. Jenkinson, Asst. Treas. "
F. W. Meyer, Aud..... "
R. L. Whyte, Asst. Aud..... "
U. S. Ure, Aud. Misc. Accts.. "
R. Wipprecht, Aud. Disb..... "
G. W. Streicher, Aud. Frt. Acct. "

TRAFFIC.

J. L. Amos, Asst. Traf. Mgr. } Salt Lake
H. E. Godwin, G. F. A..... } City, Utah
A. E. Hobbs, Asst. G. F. A... "
D. S. Spencer, G. P. A..... "
C. W. Price, Asst. G. P. A.... "
G. L. Alley, Gen. Bag. Agt..Omaha, Neb

PURCHASING.

¶ L. V. Guild, Pur. Agt. Salt Lake City, Utah
R. F. Miller, Gen. Str. Kpr. Pocatello, Ida
E. A. King, Trav. Str. Kpr. "
L. L. Watson, Sta..... "

STORE KEEPERS.

L. Brewer.....Lima, Mont
F. G. Mole.....Pocatello, Idaho
R. E. Pearce.....Salt Lake City, Utah
T. F. Toms.....Nampa, Idaho
W. C. Toms.....Glenn's Ferry, Idaho
C. H. Toomer.....Montpelier, Idaho

MECHANICAL.

A. C. Hinckley, Supt. M. P. } Pocatello,
& M..... } Idaho
W. H. Janke, Mech. Eng..... "

UNION PACIFIC SYSTEM—Continued.

1001b—Oregon Short Line R. R.—Continued.

MASTER MECHANICS.

W. H. Bressel (Term.) .Pocatello, Idaho
Z. A. Burrell.....Salt Lake City, Utah
W. H. Crane.....Pocatello, Idaho
W. J. Ingling..... "

ROAD FOREMEN OF ENGINES.

G. H. Baker.....Pocatello, Idaho
W. C. Illingsworth..... "
E. R. Lane.....Glenns Ferry, Idaho
I. B. Mann.....Salt Lake City, Utah

J. J. Kelker, Supt. Shops. Pocatello, Ida
H. M. Karstad, Fuel Supvr. "
R. F. Higgs, Gen. Car For.... "
W. H. Looney, Car For..... .Salt Lake City, Utah
G. M. Walsh, Gen. For..Pocatello, Idaho

DISTRICT FOREMEN.

L. M. Morris.....Glenn's Ferry, Idaho
W. H. Murray.....Montpelier, Idaho
L. W. Voerge.....Lima, Mont

C. C. Shepherd, Gen. Boiler Insp.....} Pocatello, Idaho
W. C. Dale, Staty. Boiler Insp. "
J. S. Woffington, Gen. For. Elec. Dept..... "

ENGINEERING, BRIDGES & ROADWAY

B. H. Prater, Asst. Ch. Eng.....Salt Lake City, Utah
F. D. Nauman, Eng. M. W.....Pocatello, Idaho
D. S. Meadows, Eng. Brdgs. & Bldgs...Salt Lake City, Utah
F. B. Heisler, Valua. Eng..... "

DIVISION ENGINEERS.

L. W. Althof.....Pocatello, Idaho
E. E. Moberly..... "
J. H. Smith..... "

SUPERVISORS BRIDGES AND BUILDINGS.

N. D. Brookhart.....Pocatello, Idaho
J. F. Cullen..... "
J. A. Kelly..... "
G. A. Meier.....Salt Lake City, Utah
D. T. Wells.....Nampa, Idaho

ROAD MASTERS.

W. Anderson.....Cache Jct., Utah
G. Blaser.....Minidoka, Idaho
H. Blaser.....Glenns Ferry, Idaho
P. Brennan.....Ontario, Ore
J. T. Cullen.....Dillon, Mont
W. Farrell.....Nampa, Idaho
G. Garvey.....Kemmerer, Wyo
A. T. Haas.....Ashton, Idaho
E. Holt.....Salt Lake City, Utah
L. Irving.....Montpelier, Idaho
H. McGonigle.....Idaho Falls, Idaho
J. McGonigle.....Pocatello, Idaho
F. L. Olmstead..... "
D. Rushford..... "
J. E. Schiller.....Shoshone, Idaho

J. S. Orr, Sig. Supvr...Pocatello, Idaho

For other officials see U. P. Sys., No. 1001.

1001c—Oregon-Washington R. R. & Navigation Co.

2,237 Mls, 303 Loco, Cars: 7,553 Frt, 213 Pass, 529 Misc.

(Mileage and equipment also included in Union Pacific Sys., No. 1001.)

Portland address, Pittock Block.

EXECUTIVE, FINANCIAL AND LEGAL.

J. D. Farrell, V.-Pres. ....Seattle, Wash
C. W. Miller, Asst. Treas.....} Portland, Ore.
A. C. Spencer, Gen. Solr.....
L. F. Gordon, Gen. Clm. Agt....
J. W. Morrow, Tax & R. of W. Agt. "

ACCOUNTING.

F. W. Sercombe, Aud.....Portland, Ore
H. N. LaDow, Asst. Aud.. "
C. A. Staver, Aud. Misc. Accts ..... "
J. C. M. Dodds, Aud. Disb "
J. W. White, Aud. Frt. Accts. "

TRAFFIC.

A. S. Edmonds, Asst. Traf. Mgr.....} Portland, Ore.
H. E. Lounsbury, G. F. A... "
A. Kelling, Asst. G. F. A.... "
J. E. Davis, Asst. G. F. A.... "
W. McMurray, G. P. A..... "
A. C. Martin, Asst. G. P. A... "
W. H. Olin, Asst. G. F. & P. A. Seattle, Wash
J. H. Regal, G. B. A.....Portland, Ore
C. C. Gignoux, Asst. Supvr. Agri. "

OPERATING.

J. P. O'Brien, Gen. Mgr...Portland, Ore
C. G. Sutherland. Asst. to Gen. Mgr..... "
E. L. Ashley, Asst. to Gen. Mgr. "
F. N. Finch, Gen. Supt.... "

SUPERINTENDENTS.

A. Buckley..... Portland, Ore
W. Connolly.....Spokane, Wash
W. H. Guild.....Portland, Ore

ASSISTANT SUPERINTENDENTS.

H. B. Coburn.....La Grande, Ore
J. F. Corbett.....Portland, Ore
R. O. Cowling.....Spokane, Wash
A. G. Kamm.....Walla Walla, Wash
C. F. Roberts.....La Grande, Ore

S. A. Hering, C. S. A.....Portland, Ore
J. Copland, Frt. Clm. Agt. "
E. A. Klippel, Supt. Tel.... "
M. M. Lesher, Supt. Din. Car & Hotel Dept..... "
J. F. Grodzki, Gen. Safety Agt..... "
S. A. Brentnall, Gen. Fire, Scale and Sanitary Insp. "
Dr. D. H. Jessop, Ch. Surg. "

PURCHASING.

¶ G. H. Robison, Pur. Agt...Portland Ore
J. L. Irish, Gen. Str Kpr. "
A. B. Moore, Str. Kpr..... "

DISTRICT STORE KEEPERS.

R. T. Biggar.....Spokane, Wash
W. E. Brown..... .....Portland, Ore
T. M. Strohmeyer, Sta....Portland, Ore

MECHANICAL.

C. E. Peck, Supt. M. P. & M..Portland, Ore

¶ Officer in charge of Purchase of Supplies.
§ Indicates Officer in charge of Car or Locomotive Painting.
★ Officer in charge of Mechanical Work, where the fact is not indicated by his title.

UNION PACIFIC SYSTEM—Continued.

1001c—Ore.-Wash R. R. & Nav. Co.—Continued.

MASTER MECHANICS.

W. T. Doran.....Portland, Ore
F. A. Leavitt.....La Grande, Ore
T. H. Yorke.....Spokane, Wash

ROAD FOREMEN OF ENGINES.

J. Daniels.....La Grande, Ore
L. H. Fry.....Walla Walla, Wash
J. J. McCarthy.....Spokane, Wash
R. A. McLean.....Portland, Ore
O. G. Olsen.....La Grande, Ore
H. F. Schinaman.....The Dalles, Ore

W. R. Ladd, Shop Supt...Portland, Ore
T. M. Ramsdell, M. C. B... "
J. C. Shea, Gen. A. B.Insp. "
L.C.Kelker, Gen.Loco.For. "
F. M. Combs, Gen.Car For. "
A. W. Perley, Fuel Supvr. "

ENGINEERING, BRIDGES & ROADWAY

S. Murray, Asst. Ch. Eng. Portland, Ore
H. A. Roberts, Eng. M.W. "
W. C. Mock, Valua. Eng.. "

DIVISION ENGINEERS.

L. V. Chausse.....La Grande, Ore
E. F. Kidder.....Spokane, Wash
M. C. Williams.. .....Portland, Ore

SUPERVISORS OF BRIDGES AND BUILDINGS.

F. M. Barrett.....Portland, Ore
H. E. Dodson..... "
H. Donley.....Spokane, Wash
E. Larkin.....La Grande, Ore
J. H. Mendenhall..Walla Walla, Wash

ROAD MASTERS.

A. Anderson.....Spokane, Wash
F. A. Boscow.....The Dalles, Ore
E. A. Buskirk.....Pendleton, Ore
J. N. Cheatam.....Colfax, Wash
B. F. Hamlin.....Arlington, Ore
A. Harlow.....La Grande, Ore
N. V. King.....Walla Walla, Wash
F. F. Mallon.....Seattle, Wash
A. Scott.....Spokane, Wash
C. A. Wester.....Portland, Ore
W. W. Wilson.....Walla Walla, Wash

SIGNAL DEPARTMENT.

R. C. Charlton, Sig. Eng..Portland, Ore

SIGNAL SUPERVISORS.

C. B. Johnson.....La Grande, Ore
A. P. Keppel.....Portland, Ore
C. A. Larson.....Spokane, Wash

For other officials see U. P. Sys., No. 1001.

1001d—Los Angeles & Salt Lake R. R. Co.

1,208 Mls, 182 Loco, Cars: 4,736 Frt, 91 Pass, 391 Misc (Mileage and equipment also included in Union Pacific Sys., No. 1001.)

Los Angeles address, Pacific Electric Building.

OPERATING.

F.H.Knickerbocker, Gen. Mgr.....{ Los Angeles Cal.
C.H.Bloom, Asst. to Gen. Mgr. "
G. M. Archibald, Asst. to Gen. Mgr..... "
W.R.Armstrong, Gen. Supt "
E. E. Cunningham, Supt.. "

W. H. Smith, Supt. Salt Lake City, Utah
W. E. Fitzpatrick, Frt. Clm. Agt.....{ Los Angeles, Cal.
F. F. Clayton, Car Serv. Agt. "
C. J. Steinel, Supt. Tel..... "
Dr. G. Cochran, Ch. Surg... "

LEGAL AND ACCOUNTING.

A. S. Halsted, Gen. Solr.. Los Angeles,
F.E.Pettitt, Jr., Gen. Atty. Cal.
F.R.McNamee, Gen. Atty. Las Vegas, Nev
W. C. Hussey, Gen. Clm. Agt..... Los Angeles, Cal.
C. C. Barry, Aud..... "
T. J. Keenan, Aud. Frt. & Pass. Accts..... "
W.F.Truelsen, Asst. Treas. "

TRAFFIC.

R. B. Robertson, Asst. Traf. Mgr.....Los Angeles, Cal
T. C. Peck, G. P. A..... "
L.M.Brown, Asst.G.P.A. "
E.F.Deigert, Asst.G.P.A. "
W.F.Lincoln, G. F. A.... "
J.P.Quigley, Asst.G.F.A. "
G. Adams, G. B. A..... "

PURCHASING.

¶ N. H. Foster, Pur. Agt... Los Angeles,
J. H. Cragin, Gen. Str. Kpr. Cal.
E. W. Borsack, Sta..... "

MECHANICAL.

§ J. F. Long, Supt. M. P. & Mchy.....Los Angeles, Cal
H.C.Weaver, Mech. Eng. "
J. E. Norris, M. M.....Las Vegas, Nev
G. R. Wilcox, M. M. .... Milford, Utah

ROAD FOREMEN OF ENGINES.

C. Diffenbaugh.....Los Angeles, Cal
J. A. Kelly.....Milford, Utah
J. Pfiester.....Las Vegas, Nev
W. A. White.....Salt Lake City, Utah

D. Grattan, Shop Supt. Los Angeles, Cal
E. Pickles, Shop Supt...Las Vegas, Nev
W.F.Merry, Gen. For..Los Angeles, Cal
W. A. Johnston, Gen. Car For..... "
E.H.Paepke, Gen. Loco. & Boil. Insp..... "
H. T. Coffey, Supvr. Power Plants & M. Cars. "

ENGINEERING, BRIDGES & ROADWAY

H. C. Mann, Asst. Ch. Eng. Los Angeles
L. P. Drew, Brdg. Eng... Cal.
R. L. Adamson, Div. Eng.. "
L.I.Hammond, Jr., Div. Eng .....Salt Lake City, Utah
F. Strong, Term. Eng..Los Angeles, Cal
R. D. Perkins, Valua. Eng..... "

GENERAL ROAD MASTERS.

B. Esbenson.....Salt Lake City, Utah
P. A. Pheney.....Los Angeles, Cal

ROAD MASTERS.

O. Anderson.....Kelso, Cal
C. A. Chamberlain.....Provo, Utah
H. F. Kretlow..... .....Caliente, Nev
R. Sands.....Los Angeles, Cal
J. Schlarman.....Las Vegas, Nev
C. E. Stonehocker.....Milford, Utah
A. Thomson.....Salt Lake City, Utah

UNION PACIFIC SYSTEM—Continued.

1001d—Los Angeles & Salt Lake R. R. Co.—Continued.

SUPERVISORS BRIDGES & BUILDINGS.

F. M. Bigelow.....Los Angeles, Cal
G. M. Haley.....Salt Lake City, Utah

SIGNAL DEPARTMENT.

A. R. White, Sig. Eng. Los Angeles, Cal

SIGNAL SUPERVISORS.

C. S. Deatherage..Salt Lake City, Utah
L. A. Todd.....Los Angeles, Cal
W. A. Twombly (Asst.)...Caliente, Nev

For other officials see Union Pacific System, No. 1001.

1001e—UNION POINT & WHITE PLAINS R. R. CO.

14 Mls, 1 Loco, Cars; 2 Pass

✪G. R. Tappan, Pres. & Gen. Mgr.....White Plains, Ga
W. H. Vincent, Sec.....Atlanta, Ga
P. M. Boyce, Treas.....Augusta, Ga
J. J. O'Shea, Aud..... "
¶R. T. Pace, Pur. Agt.....Atlanta, Ga
O. H. Attridge, M. M.....Augusta, Ga
O. T. Nelson, Eng. Maint....Atlanta, Ga

1002—UNION RY. CO.

20 Mls, 8 Loco, Cars; 2 Misc

¶R. M. Dozier, Pres..... } Memphis, Tenn.
J. W. Canada, V.-Pres. & Gen. Coun..... "
W. C. Rapp, Sec. & Supt..... "
C. T. Pennebaker, Aud..... "
R. P. Crutchfield, Treas..... "
E. Davis, Car Acct..... "
M. L. Davis, Gen. Str. Kpr.... "
R. Smith, M. M..... "
K. G. Williams, Res. Eng.... "

1003—UNION R. R. CO.

46 Mls, 163 Loco, Cars: 5,060 Frt, 5 Pass, 84 Misc

Pittsburgh address, Carnegie Bldg.

J. H. Reed, Pres..... } Pittsburgh Pa.
R. T. Rossell, V.-Pres.....
G. W. Kepler, Sec. & Treas.... "
G. E. Campbell, Aud. & G. F. A. "
§✪W. S. McAbee, Gen. Supt. } East Pittsburgh, Pa
F. E. Gorby, Supt.....
H. J. Hawthorne, Car Acct.. "
¶W. A. Parker, Pur. Agt.. Pittsburgh, Pa
J. A. Ralston, Mech. Eng. "
C. R. Church, M. M..... } East Pittsburgh, Pa
D. E. Woozley, Eng. M. W.
L. Spalding, Valua. Eng.. Pittsburgh, Pa
E. G. Teichart, Rd. Mast..... East Pittsburgh, Pa

1004—UNION STOCK YARD & TRANSIT CO. Mileage (Ry. Sidings).

Equipment owned—none.

✪J. A. Spoor, Ch. of Board..... } 38 So. Dearborn St., Chicago, Ill.
A. G. Leonard, Pres. } Union Stock Yds., Chicago, Ill.
H. E. Poronto, V.-Pres..... } 38 So. Dearborn St., Chicago, Ill.
T. Broome, Sec..... "
J. W. Austin, Treas. } Union Stock Yds., Chicago, Ill.
¶✠O. T. Henkle, Gen. Mgr..... "

1005—UNION STOCK YARDS CO. OF OMAHA (LIMITED).

34 Mls, 9 Loco, Cars: 11 Frt

F. Hovey, Pres..... } South Omaha, Neb.
✠W. H. Schellberg, Gen. Mgr..... "
R. H. Richardson, Supt. "
¶H. C. Rosacker, Pur. Agt. "
F. C. Kelly, M. M..... "

1005a—UNION TERMINAL CO.

16 Mls, 1 Loco. Cars owned—none

J. L. Lancaster, Pres.....Dallas, Tex
O. H. McCarty, V.-Pres..Ft. Worth, Tex
¶★✠M. L. Buckner, V.-Pres. & Gen. Mgr.....Dallas, Tex
A. S. Steirer, Sec. & Aud.... "

1006—UNION TERMINAL RY. CO. (ST. JOSEPH, MO.)

18 Mls, 3 Loco, Cars owned—none

L. F. Swift, Pres.....Chicago, Ill
¶★✠A. C. VanVliet, V.-Pres. } St. Joseph, Mo.
& Gen. Mgr.....
L. D. W. VanVliet, V.-Pres.. "
J. E. Dolman, Sec..... "
I. A. Vant, Treas..... "
F. Donovan, Aud..... "

1006a—UNION TRACTION CO., THE (Electric).

77 Mls, 6 Loco, Cars: 29 Frt, 10 Pass

¶★§✠✪H. A. Siggins, Pres. } Coffeyville, Kan.
& Gen. Mgr.....
L. L. Francis, Sec. & Mgr. "
L. C. Smith, Treas..... "
C. O. Fogelman, Traf. Mgr. "
O. V. Gibson, Asst. Traf. Mgr. "
J. W. Anderson, Supt..... "

1006b—UNION TRACTION CO. OF IND. (Electric).

455 Mls, Cars: 44 Frt, 191 Pass, 145 Misc

Receiver appointed January 1, 1925.

A. W. Brady, Recr.....Anderson, Ind
W. Shroyer, Sec. & Treas. "
J. A. Van Osdol, Gen. Atty. "
T. W. Jones, Aud..... "
M. E. Graston, Frt. Clm. Agt.....Indianapolis, Ind
E. E. Slick, Clm. Adj....Anderson, Ind
F. D. Norviel, G. F. & P. A. "
W. L. Meyers, Asst. G. F. & P. A. "
✪H. A. Nicholl, Gen. Mgr.. "
C. S. Keever, Supt. Trans. "
H. T. Maze, Supt. Int. Bus Lines. "
¶H. La Monte, Pur. Agt... "
T. H. Nicholl, Supt. M. P. "
J. O. Penisten, Supt. Pow. Dist..... "
F. L. Ray, Supt. Pow. Plants "
L. A. Mitchel, Eng. M. W. "

1007—UNITED R. RS. OF YUCATAN.

750 Mls., 3 & 4.6 G., 54 Loco, Cars, 659 Frt, 71 Pass

D. Rondon, Dir. Gen..... } Merida, Yucatan, Mex.
J. M. Iturraldo T, Pres.....
A. S. Diaz, Sec.....
A. Alcocer, Gen. Treas..... "
E. Sosa, Ch. Aud..... "
C. Aleman, Clm. Agt..... "

SAFETY ELECTRIC LIGHT
USED ON 71 LEADING RAILROADS.
The Safety C. H. & L. Co.
2 Rector Street, New York.

1007—UNITED R. RS. OF YUCATAN—Continued.
R. Gual, Gen. Exp. Agt..... } Merida,
P. Mejia, Traf. Mgr..... } Yucatan,
¶P. M. Ibarra, Pur. Agt..... } Mex.
V. Ventura, Supt. Shops..... "
F. V. Loyo, Ch. Eng..... "

1008—UNITED RAILWAYS CO.
54 Mls, Cars: 67 Frt, 10 Pass, 2 Misc
Operated by S. P. & S. Ry., No. 933a.

1008a—UNITY RYS. CO.
4 Mls, 1 Loco, Cars: 2 Frt, 1 Pass
J.C. Boyer, Pres.. } 619 Union Trust Bldg
H. A. Goodrich, } Pittsburgh, Pa.
Sec. & Treas..... "
¶★✠C. C. Mills, Gen. Mgr. "

1008b-UPPER MERION & PLYMOUTH R. R. CO. 12 Mls, 12 Loco, Cars: 51 Frt.
J. H. Woodhead, Pres. Philadelphia, Pa
E. E. Long, Compt..... "
★✠N. L. Moon, Supt. &
Traf. Mgr..... Conshohocken, Pa
¶A. D. Wood, Pur. Agt. Philadelphia, Pa

1009—URSINA & NORTH FORK RY. CO., THE. 5 Mls, 1 Loco, Cars: 1 Frt, 1 Pass
C. C. Wagner, Sec..... Somerset, Pa
¶★✠✪H. L. Campbell, Treas.
& Supt..... Humbert, Pa

1009a—UTAH IDAHO CENTRAL R. R. CO. (Electric).
115 Mls, 7 Loco, Cars: 180 Frt, 26 Pass, 6 Misc
Ogden address, Eccles Bldg.
J. Scowcroft, Pres..... Ogden, Utah
M. A. Browning, V.-Pres.. "
W. A. Whitney, V.-Pres... "
R. Eccles, Sec. & Treas..... "
J. H. Devine, Gen. Coun.. "
✪P. H. Mulcahy, Gen. Mgr.. "
E. L. Morris, Aud..... "
F. L. Whitney, Traf. Mgr.. "
¶A. L. Carpenter, Pur. Agt. "
C. A. Malinowski, Mech.
Supt. & Elec. Eng..... "
W. Corlis, Rd. Mast..... "

1009b—UTAH RY. CO.
102 Mls, 16 Loco, Cars: 2018 Frt, 1 Pass
Boston address, 55 Congress St.
C. A. Hight, Pres..... Boston, Mass
✪G. S. Anderson, V.-
Pres. & Gen. Mgr.. Salt Lake City, Utah
F. W. Batchelder, Treas.. Boston, Mass
V. B. Hjortsberg, Aud..... } Salt Lake
G. W. Cushing, Traf. Mgr... } City, Utah
G. Ecenroad, Car Serv. Agt... "
R. J. Vaughan, Supt... Hiawatha, Utah
¶J. R. Henderson,
Pur. Agt..... Salt Lake City, Utah
§J. B. Somo, M. M..... Provo, Utah
L. D. Anderson, Ch.
Eng..... Salt Lake City, Utah

1009c—UVALDE & NORTHERN RY. CO.
37 Mls, 1 Loco, Cars: 3 (includ. 1 Motor) Pass
H. H. Rogers, Pres. & } San Antonio,
Gen. Atty..... } Tex.
W. D. Hood, V.-Pres..... "
¶✪H. Rogers, Sec., Treas. } San Antonio
& Pur. Agt..... } Tex.
G. A. Wietzel, Aud..... "
H. A. Stein, M. M..... Uvalde, Tex
C. C. Kessler, Rd. Mast.... "

1009d—VALLEY & SILETZ R. R. CO.
41 Mls, 3 Loco, Cars: 44 Frt, 3 Pass
Portland address, N. W. Bank Bldg.
✪F. J. Cobbs, Pres..... Portland, Ore
¶C. N. Huggins, V.-Pres. &
Gen. Mgr..... "
C. L. Starr, Sec. & Treas.. "
F. K. Baker, Asst. Sec. &
Aud..... "
✠L. E. Watson, Supt..... Hoskins, Ore
H. Jones, M. M ..... "

1010—VALLEY R. R. CO.
12 Mls, 2 Loco, Cars: 30 Frt, 2 Pass
E. L. Day, Pres..... Westline, Pa
¶L. J. Bartlett, Treas., Aud.
& Pur. Agt..... "
★✠✪W. J. Buffington, Gen.
Supt. & Traf. Mgr..... "
J. G. McGill, G. F. A..... "

1011—VALLEY RIVER R. R.
15 Mls, 3 G., 1 Loco, Cars: 20 Frt, 4 Pass
M. N. Wilson, Pres. &
Treas.. ..... Elkins, W. Va
D. F. Strock, V.-Pres..... "
G. W. Wilson, Sec..... Mill Creek, W. Va
¶★✠J. S. Hamill, Gen.
Mgr..... "

1012—VANCOUVER & LULU ISLAND RY. Mileage and Equipment included in Canadian Pacific Ry. Co., No. 139.
For officials see C.P.Ry. Co., No. 139.

1013—VENTURA COUNTY RY. CO.
24 Mls, 1 Loco, Cars: 79 Frt, 3 Pass, 3 Misc
E. Gee, Pres..... Denver, Col
✪W. H. Groff, Sec ..... Oxnard, Cal
E. H. Grigsby, Treas..... "
W. N. Wilds, Aud..... Denver, Col
¶✠J. W. Rooney, Gen. Mgr... Oxnard, Cal
A. B. Westfield, Supt..... "
M. D. McKinna, M. M..... "

1014—VERA CRUZ RY.
45 Mls, 3 G., 5 Loco, Cars: 74 Frt, 11 Pass, 4 Misc
J. B. Body, Mgr. Dir..... London, Eng
F. Adams, Mgr. Dir..... Mexico, Mex
V. M. Cartaya, Traf. } Indepencia St.,
Mgr..... } 38 Bis,
} Veracruz, Mex.

—† VERA CRUZ (MEXICO) RY. LTD.
See Nat'l. Rys. of Mexico. No. 670.

1015—VERA CRUZ TERMINAL CO.
30 Mls, 3 & 4.8½ G., 10 Loco
¶B. E. Holloway, Chman.. } Mexico, D.F.,
L. G. Pastor, Sec. & Gen. } Mex.
Acct..... "
✠J. Nava, Supt..... Veracruz, Mex
A. R. Roffiell, M. M..... "
W. T. Ingram, Consit.
Eng..... Mexico, D.F., Mex

✪ Officer whose name is filed with the Interstate Commerce Commission as authorized to issue transportation.

1015a—VERDE TUNNEL & SMELTER R. R. CO.
11 Mls, 4 Loco, Cars: 67 Frt, 2 Pass, 2 Misc
New York address, 111 Broadway.
R. E. Tally, Pres.....Clarkdale, Ariz
L. Anderson, V.-Pres. & Gen. Coun.....Prescott, Ariz
M. deBrabant, V.-Pres. (Traf.).....New York, N.Y
H. V. Young, Sec.....Clarkdale, Ariz
W. B. Gower, Gen. Aud..NewYork,N.Y
H. P. Hughes, Aud. & G. F. & P. A.....Clarkdale, Ariz.
✪C. W. Clark, Gen. Mgr..... "
★✠J. E. McLean, Gen. Supt... "
¶D. Hopkins, Pur. Agt..... "

1016—VERMONT VALLEY R. R.
Mileage and Equipment included in B. & M. R. R.
Operated by Boston & Maine R.R., No. 97.

1017—VICKSBURG, SHREVEPORT & PACIFIC RY. CO.
188 Mls, 42 Loco, Cars: 921 Frt, 42 Pass, 87 Misc
For officials see Ala. & Vicks. Ry., No. 7a.

1018—VIRGINIA & CAROLINA SOUTHERN R. R. CO.
56 Mls, 5 Loco, Cars: 1 Frt, 7 Pass (Including 2 Motors)
A. T. McLean, Pres. & Treas. H. B. Jennings, V.-Pres.....Lumberton, N.C
¶★✠✪J. Q. Beckwith, V.-Pres... "
J. D. McLean, Sec..... "
J. B. Nordan, G. F. & P. A..... "
G. B. Crofton, Asst. G. F. & P.A. "

1019—

1020—VIRGINIA & TRUCKEE RY.
68 Mls, 8 Loco, Cars: 37 Frt, 19 Pass, 2 Misc
O. Mills, Pres.....15 Broad St., New York, N. Y
✪F. E. Murphy, V.-Pres.....Carson City, Nev
S. C. Bigelow, Sec. & G.P.A. "
E. W. Miller, Aud..... "
H. L. Griffiths, G. F. A..... "
H. Coffin, Gen. Mgr..... "
¶G. A. Tyrrell, Pur. Agt..... "
C. J. Rulison, M. M..... "
D. T. Burke, M. C. B..... "
J. Castle, M. C. Paint..... "
W. H. Kirk, Ch. Eng..... "
M. Twomey, Rd. Mast..... "

1020a—VIRGINIA BLUE RIDGE RY. CO. 19 Mls, 1 Loco, Cars: 2 Frt, 1 Pass
Washington address, 640 Woodward Bldg
J. W. Dwight, Pres....Washington, D.C
J. R. Caskie, V.-Pres. & Gen. Coun..... "
J. W. Powell, V.-Pres. & Gen. Mgr..... "
F. A. Cobb, Sec.....Ithaca, N. Y
H. Cobb, Treas..... "
L. M. Saxton, Asst. Sec. & Aud.....Washington, D.C
¶★✠✪L. M. Saxton, Supt.. G.F. & P.A. & Pur. Agt. Massies Mill, Va

1020c—VIRGINIAN RY. CO., THE
545 Mls, 172 Loco (includ. 10 Elec.), Cars: 10,190 Frt, 62 Pass, 395 Misc
New York office, 60 Wall St.
Norfolk address, Terminal Bldg.

EXECUTIVE, FINANCIAL AND LEGAL.
A. H. Larkin, Ch. of Bd..New York, N. Y
C. H. Hix, Pres.....Norfolk, Va
W. D. Baker, Asst. to Pres.. "
W. R. Coe, V.-Pres.....New York, N. Y
H. H. Rogers, V.-Pres.. "
W. A. Gore, Gen. Mgr.....Norfolk, Va
E. W. Knight, Gen. Coun.....Charleston, W. Va
G. H. Church, Treas.....New York, N. Y
I. A. Browne, Asst. Treas. "
H. Clement, Asst. Treas....Norfolk, Va
J. Clarke, Sec.....New York, N. Y

ACCOUNTING.
M. B. Goldblatt, Aud.....Norfolk, Va
C. E. Sears, Asst. Aud..... "
M. A. Hartigan, Jr., Gen. Clm. Agt..... "
C. E. Reynolds, Car. Acct.. "

TRAFFIC.
S. M. Adsit, Traf. Mgr.....Norfolk, Va
W. S. Saunders, G. F. A..... "
A. F. Schafhirt, Asst. G.F.A. "
H. C. Mitchell, Asst. G. F. A. "
L. W. Woody, Asst. G. P. A. "

OPERATING.
W. A. Gore, Gen. Mgr.....Norfolk, Va

SUPERINTENDENTS.
G. Masten.....Victoria, Va
J. W. White.....Princeton, W, Va

E. D. Hanes, Supt. Coal Term.....Sewalls Point, Va
Dr. S. Leigh, Ch. Surg.. ....Norfolk, Va

PURCHASING.
¶D. C. King, Pur. Agt.....Norfolk, Va
J. H. McGlothlin, Gen. Str. Kpr.....Princeton, W. Va

STORE KEEPERS.
J. V. Bland.....Sewalls Point, Va
J. C. Britton.....Elmore, W. Va; P. O. Corrine
J. D. Ireland.....Roanoke, Va
J. M. Mitchell.....Victoria, Va
E. L. Robertson.....Princeton, W. Va
W. C. Walker.....Mullens, W. Va

MECHANICAL.
§J. W. Sasser, Supt. M. P.....Princeton, W. Va.
J. E. Sharpley, Elec. Eng.. "

MASTER MECHANICS.
B. E. Nevins.....Victoria, Va
G. T. Strong.....Princeton, W. Va

ROAD FOREMEN OF ENGINES.
C. W. Akers.....Princeton, W. Va
F. E. Bell.....Victoria, Va
C. Reed.....Princeton, W. Va

F. Welboan, Shop. Supt....Princeton, W. Va.
A. J. Schuyler, Gen. Car. Insp..... "
C. M. Kidd, Air Brk. Insp... "

1020c—VIRGINIAN—Continued.

ENGINEERING, BRIDGES & ROADWAY

H. Fernstrom, Ch. Eng.....Norfolk, Va
A. M. Traugott, Asst. Ch. Eng. "
F. F. Harrington, Eng. Struc. "
F. W. Hawks, Valua. Eng... "
A. H. Chapman, Office Eng. "
H. Pattison, Eng. of Elec. Traction..... "
C. Norris, Div. Eng....Princeton, W. Va
J. H. Charlton, Div. Eng...Victoria, Va
H. W. Walker, Eng. Coal Develop..... ..Norfolk, Va
J. Morgan, Supvr. B. & B. & Wat. Supply.....Princeton, W. Va

ROAD MASTERS.

J. E. Ferguson.....Victoria, Va
C. A. Hanson.....Roanoke, Va
A. N. Lovern.....Princeton, W. Va
G. R. Lovern..... "
P. J. Noonan.....Mullens, W. Va

1020b—VIRGINIA SOUTHERN R. R. CO. 8 Mls, 1 Loco,

For officials see M. & R. V. Ry., No. 579.

1020d—VISALIA ELECTRIC R. R. CO. 67 Mls, 2 Loco, Cars: 3 Pass

P. Shoup, Pres.....San Francisco, Cal
✪F. W. Webster, V.-Pres. & Gen. Mgr.....Exeter, Cal
L. A. Lovell, Sec. & Aud..Los Angeles, Cal
E. G. Shoup, Frt. Traf. Mgr..... "
★✠R. T. Jackson, Supt.....Exeter, Cal
¶C. Thorburn, Pur. Agt. Los Angeles, Cal

1021—WABASH RY. CO.

2,522 Mls, 682 Loco, Cars: 23,653 Frt, 330 Pass, 817 Misc

St. Louis address, Exchange Bldg.
New York Office, 120 Broadway.

EXECUTIVE, FINANCIAL AND LEGAL.

W. H. Williams, Ch. of Board.....New York, N. Y
✪J. E. Taussig, Pres.....St. Louis, Mo
H. J. Sargent, Asst. to Pres. "
M. F. Longwill, Asst. to Pres. "
W. C. Maxwell, V.-Pres. (Traffic)..... "
S. E. Cotter, V.-Pres. & Gen. Mgr. "
N. S. Brown, V.-Pres. & Gen. Solr..... "
J. W. Newell, V.-Pres..... "
H. R. Winthrop, V.-Pres. New York, N. Y
J. C. Otteson, V.-Pres. Sec. & Treas..... "
G. E. Francisco, Local Treas.....St. Louis, Mo
T. J. Tobin, Asst. Sec..... "
W. F. Bender, Asst. Sec.... "
O. Brewer, Asst. Sec.....New York, N. Y
W. S. Pierce, Gen. Coun.. "
L. H. Strasser, Asst. Gen. Solr.....St Louis, Mo
H. Hall, Gen. Atty..... "
B. C. Winston, Asst. Atty. & Gen. Clm. Ag..... "
W. J. Tobin, Frt. Clm. Agt. "

REAL ESTATE AND VALUATION.

H. J. Sargent, Asst. to Pres. St. Louis, Mo
C. Bartlett, R. E. Agt..... "
N. Johnson, Valua. Eng... "

ACCOUNTING.

J. W. Newell, V.-Pres.....St. Louis, Mo
A. K. Atkinson, Asst. to V.-Pres..... "
G. E. Bramon, Gen. Aud.... "

ASSISTANT GENERAL AUDITORS.

W. R. Eastman.....St. Louis, Mo
A. B. Twyman..... "

AUDITORS.

E. L. Gaffney (Pass. Accts.). St. Louis, Mo
L. G. Lind (Disb.)..... "
J. G. Rohlman (Capt. Expend.) "
W. Schindele (Frt. Acct.).. "
H. G. Spaulding, Supvr. Fire Prev. & Insur.....St. Louis, Mo

TRAFFIC.

W. C. Maxwell, V.-Pres....St. Louis, Mo
F. G. Maxwell, Asst. to V.-Pres..... "
C. H. Stinson, Frt. Traf. Mgr. "

ASST. FREIGHT TRAFFIC MANAGERS.

H. G. Holden.....St. Louis, Mo
W. T. Lyman..... "
G. G. Early, G. F. A.....St. Louis, Mo

ASSISTANT GENERAL FREIGHT AGENTS.

T. R. Farrell.....St. Louis, Mo
W. A. Hopkins..... "
W. E. Mattox..... "
C. J. Sayles..... "
J. A. Sullivan.....Detroit, Mich
R. A. Walton.....Chicago, Ill
H. E. Watts, Pass. Traf. Mgr. St. Louis, Mo
L. A. Blatterman, G. P. A.. "
L. W. Bade, Asst. G. P. A.. "
J. Maloney, Asst. G. P. A....Chicago, Ill
F. D. Hammer, Asst. G. P. A. Detroit, Mich
G. B. Lindsay, G. B. A. & Gen. Agt. Mail & Exp. Traf....St. Louis, Mo
G. M. Hart, Supt. Din. Car. "
R. A. Belding, Ind. Agt..... "

OPERATING.

S. E. Cotter, V.-Pres. & Gen. Mgr..... } St. Louis, Mo.
A. L. Robinson, Asst. to Gen. Mgr..... "
M. M. Eidson, Gen. Car. Acct. "
G. H. Sido, Supt. Transp..... "
J. P. Church, Supt. Tel.....Decatur, Ill
W. F. Barnard, Supt. Frt. Clm. Prev.....St. Louis, Mo
D. G. Phillips, Supt. Safety "

EASTERN DISTRICT (OPERATING).

Comprising the Buffalo, Detroit Terminal, Detroit, Peru, Decatur and Chicago Terminal Divisions.

T. J. Jones, Gen. Supt.....St. Louis, Mo

SUPERINTENDENTS.

J. S. Dant.....Detroit, Mich
L. J. Ferritor.....Buffalo, N. Y
A. F. Helm.....Montpelier, O
H. W. Matthews.....St. Thomas, Ont
F. Meyers.....Chicago, Ill
O. C. Sandberg.....Peru, Ind
J. E. Stumpf..... .....Decatur, Ill

WESTERN DISTRICT (OPERATING).

Comprising the St. Louis Terminal, Springfield, Moberly and Western Divisions.

E. A. Sollitt, Gen. Supt....St. Louis, Mo

1021—WABASH—Continued.

SUPERINTENDENTS.

C. B. Davidson.....Moberly, Mo
W. W. Greenland..... "
J. W. Jones (St. Louis Term.).....St. Louis, Mo
L. W. Karnes.....Springfield, Ill
E. Lind (Term.).....Kansas City, Mo
Dr. F. E. Smith, Ch. Surg...Decatur, Ill

PURCHASING.

¶T. J. Frier, Pur. Agt.. .....St. Louis, Mo
T. H. Ryan, Asst. Pur. Agt. "
H. C. Stevens, Gen. Str. Kpr. "

DIVISION STORE KEEPERS.

G. W. Busch.....Toledo, O
D. E. Guy.....Ft. Wayne, Ind
R. R. Jackson.....Decatur, Ill
J. W. Zimmerman.....Moberly, Mo

MECHANICAL.

§G. F. Hess, Supt. M. P..... } Decatur,
G. E. Coutant, Asst. to Supt. } Ill.
M. P..... "
H. Eisele, Asst. Supt. Loco. Dept. "
J. H. Gimpel, Asst. Supt. Car Dept..... "
W. A. Pownall, Mech. Eng..... "
F. Lane, Elec. Eng..... "
J. E. McLone, Shop Supt..... "

DIVISION MASTER MECHANICS.

W. C. Chambers.....Decatur, Ill
F. W. Rhuark.....Ft. Wayne, Ind
L. K. Smith.....Moberly, Mo

ASSISTANT DIVISION MASTER MECHANICS.

W. W. Grindle.....Montpelier, O
A. Reid.....Springfield, Ill
J. N. Robertson.....St. Thomas, Ont
W. Turley.....Moberly, Mo
T. Windle.....Decatur, Ill

J. B. Hurley, Gen. Rd. For. Eng. & Fuel Supvr.....Decatur, Ill

ROAD FOREMEN OF ENGINES.

J. Bell.....Montpelier, O
D. I. Bergin.....Moberly, Mo
D. Britt.....St. Thomas, Ont
C. C. Connell.....Moberly, Mo
J. H. Harry.....Forrest, Ill
A. F. King.....Peru, Ind
N. Lock.....Springfield, Ill
M. J. McHugh.....Detroit, Mich
T. V. Ramsey.....Decatur, Ill
L. A. Smith.....Moberly, Mo

J. Matthes, Ch. Car Insp..... } Decatur,
J. R. Vance, Gen. Loco. Insp } Ill.
W. H. Davies, Supt. Air Brks.. "
O. W. Carrick, Water Eng.... "

GEN. FOREMEN CAR DEPARTMENT.

E. E. Buttz.....Decatur, Ill
C. W. Graham.....Moberly, Mo
L. E. Kennedy.....Toledo, O

FUEL SUPERVISORS.

P. B. Acuff.....Moberly, Mo
H. L. Cosper.....Montpelier, O
F. Eagan.....Peru, Ind
J. W. Long.....Springfield, Ill
C. R. McGregor.....Moberly, Mo
J. C. Moore.....Forrest, Ill
E. Q. Righter.....Decatur, Ill
H. Shipp.....St. Thomas, Ont
F. Smith.....Moberly, Mo

FOREMEN PAINTERS.

G. T. Bente.....Ft. Wayne, Ind
L. E. Brann.....Decatur, Ill
R. C. Hinds.....Moberly, Mo
B. F. Seisler.....Decatur, Ill
H. Zimmerman.....Toledo, O

ENGINEERING, BRIDGES & ROADWAY

R. H. Howard, Ch. Eng.....St. Louis, Mo
J. J. Baxter, Asst. Ch. Eng. "
W. R. Bennett, Asst. Ch. Eng. "
C. S. Johnson, Brdg. Eng... "
W. H. Bush, Drainage Eng.. "
R. E. Mohr, Arch..... "

DIVISION ENGINEERS.

J. C. Bousfield.....Detroit, Mich
S. N. Crowe.....Chicago, Ill
J. E. Danes.....Decatur, Ill
A. P. Gardner.....Springfield, Ill
V. R. Hayes.....Moberly, Mo
F. C. Huntsman.....St. Louis, Mo
H. N. Huntsman.....Moberly, Mo
R. L. Longshore.....Montpelier, O
J. T. Vitt.....Peru, Ind

ASSISTANT ENGINEERS.

F. L. Dorr.....St. Louis, Mo
H. G. Halloway.....Moberly, Mo
L. P. Lovejoy..... "
F. V. Marshall.....Decatur, Ill
H. B. Pilcher.....Montpelier, O
C. E. Robinson.....Peru, Ind
C. A. Routzahn.....Springfield, Ill

SUPERVISORS OF BRIDGES & BUILDINGS.

F. E. Herriman.....Moberly, Mo
W. H. Lankford..... "
O. A. Lewis.....Montpelier, O
S. F. Ryan.....Decatur, Ill
J. D. Voorheis.....Peru, Ind
T. J. Ward.....Springfield, Ill

SUPERVISORS.

A. J. Bowers.....Toledo, O
J. A. Buck.....Forrest, Ill
J. W. Clark.....Moberly, Mo
R. D. Copeland.....Chicago, Ill
B. Cunningham.....Moulton, Ia
T. Daily.....Litchfield, Ill
D. Foran.....Decatur, Ill
J. S. Gamble.....Montpelier, O
W. R. Gee.....Brunswick, Mo
A. L. Harter.....Lafayette, Ind
P. D. Hartman.....Moberly, Mo
G. Holland.....North Liberty, Ind
J. P. Holmberg.....Brunswick, Mo
R. P. Long.....Montgomery, Mo
L. Lucas.....Stanberry, Mo
M. Lyons.....Moberly, Mo
R. McLaughlin.....Moulton, Ia
J. Ormond.....Bement, Ill
C. Palmer.....Peru, Ind
N. E. Potter.....St. Louis, Mo
A. V. Pyle.....Bluffs, Ill
F. Sanner.....Springfield, Ill
R. Simpson.....Delray, Mich
J. O. Turner.....Adrian, Mich
J. Watkins.....Ft. Wayne, Ind

SIGNAL DEPARTMENT.

H. J. Foale, Sig. Eng.....Decatur, Ill
G. A. Rodger, Asst. Sig. Eng. "

SAFETY LIGHTING FIXTURES The Safety C. H. & L. Co. 2 Rector St., New York.

1021—WABASH—Continued.

SIGNAL SUPERVISORS.

H. R. Bills.....Lafayette, Ind
C. Falk.....Decatur, Ill
T. G. Hyatt.....St. Louis, Mo
L. Parnell.....Montpelier, O
W. H. Ulen.....Moberly, Mo

1022—WABASH, CHESTER & WESTERN R. R. CO.

65 Mls, 11 Loco, Cars: 31 Frt, 4 Pass, 5 Misc

Receiver appointed January 4, 1924.

¶✪J. F. Gilster, Recr.....Chester, Ill
F. Charleston, Gen. Aud.,.... "
R. Krauss, G. F. & P. A..... "
W. F. Sweany, Supt..... "
A. E. O'Daniel, Supvr. Trk. & Brdgs..... "

1023—WACO, BEAUMONT, TRINITY & SABINE RY. CO.

115 Mls, 6 Loco, Cars: 28 Frt, 10 Pass, 2 Misc

R. C. Duff, Pres.....Houston, Tex
✠A. M. Acheson, V.-Pres & Ch. Eng.....Trinity, Tex
¶✪J. M. Danner, V.-Pres., Gen.Mgr.,Sec. & Pur.Agt. "
G. W. Foster, V.-Pres. } R. A. Long Bldg., Kansas City, Mo
H. M. Duff, Asst. Sec. & Asst. Treas.....Houston, Tex
P. H. Cauthan, Treas.....Trinity, Tex
H. R. Saye, Aud..... "
E. A. Haid, Comm. Coun..St. Louis, Mo
F. H. Bisey, Traf. Mgr.....Trinity, Tex
Dr. S. M. Briscoe, Ch. Surg.. "
T. B. Legett, M. M..... "
J. C. Holland, Supvr. B.& B. "

1024—WADLEY SOUTHERN RY. CO.

90 Mls, 5 Loco, Cars: 4 Frt, 8 Pass, 4 Misc

H. A. Jordan, Traf. Mgr.....Wadley, Ga
W. L. Burns, M. M..... "

For other officials see W.&T.R.R., No. 1076

1024a—WALLA WALLA VALLEY RY. CO. (Electric).

27 Mls, 3 Loco, Cars: 12 Frt, 15 Pass

G. T. Reid, Pres.....Seattle, Wash
G. W. Talbot, V.-Pres.... Portland, Ore
J. H. Pedigo, V.-Pres. & Gen. Atty.....Walla Walla, Wash
E. Askevold, Sec.....Seattle, Wash
C. E. Gaylord, Treas..... "
J. E. Martin, Traf. Mgr.. } Walla Walla, Wash.
✪W. D. Pearce, Gen.Mgr.. }
¶ P. McKay, Pur. Agt.....Seattle, Wash
L. E. Wells, M. M.... Walla Walla, Wash
N. Mauaro, Rd. Mast. "

1025—WARE SHOALS R. R. CO.

5 Mls, 1 Loco, Cars: 1 Frt, 1 Pass

B. D. Riegel, Pres. & } 342 Madison Ave.,
Gen. Mgr..... } New York, N. Y.
¶★✠✪J. C. Gambrell, V.-Pres. & Treas....Ware Shoals, S. C
C. P. Gordon, Sec..... "

1026—WARREN & OUACHITA VALLEY RY. CO.

16 Mls, 1 Loco, Cars: 4 Pass, 1 Misc

F. Wyman, Pres.....Davenport, Ia
J. W. Embree, V.-Pres. } 3500 Centre Ave., Chicago, Ill.
C. J. Mansfield, Sec.....Warren, Ark
O. O. Axley, Treas..... "
O. W. Wheless, Gen. Aud. & Frt. Clm. Agt..... "
¶★✠✪W. S. Hobbs, Gen. Mgr. "

1027—WARREN & SALINE RIVER R. R. CO.

26 Mls, 5 Loco, Cars: 54 Frt, 10 Misc

R. W. Fullerton, Pres..... Warren, Ark
¶★✠J. L. Reaves, V.-Pres. & Gen. Mgr..... "
S. B. Fullerton, Sec..... "
E. F. Paulus, Treas. & Aud. "
J. C. Anthoni, Traf. Mgr... "

1028—WARRENTON R. R. CO.

3 Mls, 1 Loco, Cars: 1 Frt, 1 Pass

✪J. M. Gardner, Pres. } Gen. Mgr } Warren-
W. G. Rogers, V.-Pres..... } ton, N.C.
C. R. Rodwell, Sec., Treas. & Aud. "
¶★✠A. C. Blalock, Supt..... "

1029—WASHINGTON & LINCOLNTON R. R. CO.

20 Mls, 2 Loco, Cars: 1 Frt, 1 Pass (Motor), 2 Misc

✪J. R. Dyson, Pres.....Washington, Ga
T. B. Lovelace, V.-Pres "
¶ § ★ ✠ A. S. Holcomb, Sec. & Gen. Mgr..... "
W. H. Vincent, Aud.....Atlanta, Ga

1029a—WASHINGTON & OLD DOMINION RY. (Electric).

89 Mls, 6 Loco (Elec.), Cars: 25 Frt, 25 Pass, 4 Misc

Washington address, 31st and M Sts., N. W.

W. J. Lambert, Pres..... } Washing-
¶✪J. V. Davis, V.-Pres. & Gen. Mgr..... } ton, D. C
A. K. Stratton, Sec. & Treas.. "
F. T. Homer, Gen. Coun..New York, N.Y
S. C. Bumgarner, Com. & Clms. Atty..... } Washing-
G. C. Baggett, Traf. Mgr..... } ton, D. C
★§W. E. King, Ch. Eng..... "

1030—WASHINGTON & VANDEMERE R. R. CO.

41 Mls, 2 Loco, Cars: 76 Frt, 1 Pass

A. D. MacLean, Pres..Washington, N. C
M. Bright, Asst. Sec.. "

For other officials see A. C. L. R.R., No. 47

1030a—WASHINGTON, BALTIMORE & ANNAPOLIS ELEC. R. R. CO.

73 Mls, Cars: 55 Frt, 130 Pass, 2 Misc

Baltimore address, 100 S. Howard St.

G. T. Bishop, Ch. of Rd..Baltimore, Md
✪J. J. Doyle, Pres..... "
G. W. Williams, V.-Pres. & Gen. Coun..... "
T. P. Littlepage, 2 } Union Trust Bldg.,
V.-Pres. & Sec.... } Washington, D. C.
W. M. Garrett, Treas...Baltimore, Md
W. H. Wright, Aud..... "
¶ H. T. Connolly, Gen. Mgr. "
C. Schumacher, Supt. } Naval Academy Jct., Md.,
Trans..... }
J. A. Mellor, M. M.... } P. O. Odenton
E. W. Weinland, Eng. M. W..... "

1030b—WASHINGTON, BRANDYWINE & POINT LOOKOUT R. R. CO., THE 24 Mls, 2 Loco, Cars: 4 Pass, 1 Misc
W. B. Duke, Pres.....Hughesville, Md
J. Dudley, V.-Pres..... "
J. F. Coad, Sec.....Charlotte Hall, Md
G.C.Peverley, Treas.Mechanicsville,Md
¶★✠✪W. F. Chesley, Jr., Gen. Mgr.....Charlotte Hall, Md

1031—WASHINGTON, IDAHO & MONTANA RY. CO.
50 Mls, 5 Loco, Cars: 300 Frt, 4 Pass
F. S. Bell, Pres .....Winona, Minn
F. E. Weyerhaeuser, V.-Pres.....St. Paul, Minn
C. R. Musser, Sec.....Muscatine, Ia
¶✠✪A. W. Laird, Treas. & Gen. Mgr..... } Potlatch, Ida
R. F. Ricker, Aud..... "
W. J. Gamble, Supt..... "
S. E. Andrews, M. M..... "

1031a—WASHINGTON RUN R. R. CO.
4 Mls, 1 Loco, Cars: 2 Pass
M. M. Cochran, Pres.....Dawson, Pa
M. E. Strawn, V.-Pres..... "
J. H. Strawn, Sec. & Treas. "
A. Van Horn, Aud..... "
N. P. Hyndman, G. F. & P. A.....Pittsburgh, Pa
¶★✠H. M. McDonald, Gen. Mgr. & Pur. Agt.....Dawson, Pa

1031b—WASHINGTON-VIRGINIA RY. (Electric). 63 Mls, Cars: 84 Pass
Washington address, 1202 Penna. Ave., N. W.
Philadelphia address, 1600 Walnut St.
Receiver appointed November 23, 1923.
A. L. Reynolds, Recr...Washington, D. C
✪J. E. Zimmerman, Pres. } Philadelphia, Pa.
F. W. Woodcock, V.-Pres }
C. A. McClure, Sec.. ..... "
M. Oliver, Treas..... "
H. Emhardt, Treas for Recr..... } Washington, D. C.
T. H. Travers, Gen. Pass. & Frt. Agt..... "
¶J. W. Rich, Gen. Supt. & Pur. Agt..... "
P. Clift, Div. Supt..... "
J. Deuterman, Div. Supt.. "
D. Schum, M. M..... "
C. A. S. Sinclair, Ch. Eng.. "

1031c—WASHINGTON WESTERN RY. CO. 11 Mls, 2 Loco, Cars: 3 Frt, 1 Misc
✪B. W. Maguire, Pres.....Rockford, Ill
¶★✠✪E. B. Kinker, V.-Pres., Treas. & Gen. Mgr. } Three Lakes, Wash.
H. B. Merritt, Sec..... "

1031d—WATERLOO, CEDAR FALLS & NORTHERN RY. CO. (Electric)
112 Mls, 8 Loco, Cars: 165 Frt, 81 Pass, 14 Misc
✪C. M. Cheney, Pres. & Gen. Mgr.....Waterloo, Ia
C. D. Cass, V.-Pres..... "
J. B. Knowles, Sec., Treas. & Aud..... "
M. A. Welsh, Supt. & Traf. Mgr.....Waterloo, Ia
¶F. McDonald, Supt. Pur. & Stores..... "
W. G. Lamb, M. M..... "
T. E. Rust, Ch. Eng..... "
C. Formaker, Rd. Mast... "

1031e—WATERVILLE RY. CO.
6 Mls, 1 Loco, 1 Motor, Cars: 1 Pass
¶✠W. A. Scaife, Gen. Mgr.....Waterville, Wash
A. N. Moreland, M. M. "

1032—WAYCROSS & SOUTHERN R. R. CO. 20 Mls, 2 Loco, Cars: 9 Frt, 2 Pass, 128 Misc
Philadelphia address 1514 Penna. Bldg.
✪J. W. Oakford, Pres... ...Scranton, Pa
F. L. Dakin, V.-Pres..... "
F. L. Space, Sec.. Treas. & Aud..... "
H. Moore, Traf. Mgr.....Waycross, Ga
✠J. A. Armstrong, Gen. Mgr. "
J. H. Baskin, Supt..... "
J. L. Hamill, Pur. Agt..Philadelphia, Pa
W. Z. Christy, M. M.....Waycross, Ga

1032a—WAYCROSS & WESTERN R. R.
Abandoned January 1, 1926.

1033—†WAYNESBURG & WASHINGTON R. R.
See Penna. R. R., No. 751.

1034—WEATHERFORD, MINERAL WELLS & NORTH-WESTERN RY. CO., THE 41 Mls, 4 Loco, Cars: 4 Pass
J. L. Lancaster, Pres.....Dallas, Tex
J. A. Somerville, V.-Pres..... "
★✠✪B. C. Crow, 2 V.-Pres., Gen. Supt. & Treas..... } Weatherford, Tex
T. J. Freeman, Gen. Coun.....New Orleans, La
T. D. Gresham, Gen. Atty...Dallas, Tex
S. B. Smith, Aud. & Asst. G. F. & P. A..... } Weatherford, Tex
W. M. Edgar, Car Acct..... "
¶F. S. McClung, Pur. Agt....Dallas, Tex

1035—WELLINGTON & POWELLSVILLE R. R. CO.
50 Mls, 3 G, 4 Loco, Cars: 3 Frt, 5 Pass, 50 Misc
Receiver appointed, Sept. 28, 1923.
¶✪J. A. Pretlow, Recr.....Franklin, Va
J. H. Small, Sec. & Gen. Coun.....Washington, D. C
G. G. McCann, Aud. & Treas..Franklin, Va
§✠✪C. J. Field, Supt.....Ahoskie, N. C
R. P. Slaughter, M. M..... "

1036—1037—

1038—WESTERN ALLEGHENY R. R. CO. 51 Mls, 9 Loco, Cars: 47 Frt, 7 Pass
Pittsburgh address, Peoples Bk. Bldg.
A. C. Robinson, Pres.....Pittsburgh, Pa
R. C. Imrie, Aud..... .....Kaylor, Pa
¶✪W. T. Carroll, Gen. Mgr... "
W. C. Burel, M. M..... "
B. C. Bishop, Eng..... "

SAFETY ELECTRIC LIGHT The Safety C. H. & L. Co.
USED ON 71 LEADING RAILROADS. 2 Rector Street, New York.

1039—WESTERN MARYLAND RY. CO.
691 Mls, 291 Loco, Cars: 13,568 Frt, 122 Pass, 285 Misc
Baltimore address, Standard Oil Bldg.
New York address, 71 Broadway.

EXECUTIVE, FINANCIAL AND LEGAL.
✪M. C. Byers, Pres.....Baltimore, Md
D.G.Gray, V.-Pres.(Traffic) "
G. P. Bagby, V.-Pres. & Gen. Solr ..... "
J.W.Broome,Sec.& Asst. Treas.....New York, N.Y
S. R. Gehlert, Treas. & Asst. Sec.....Baltimore, Md
E.S.Williams, Com. Coun. "
W. C. Capper, Coun...Cumberland, Md
W.H.MaynardClm.Atty.Baltimore, Md
G. S. Schmidt, Gen. Atty.....York, Pa
E. A. Bowers, Gen. Atty.Elkins, W. Va
H. A. Bruck, R. E. & Tax. Agt..... Baltimore Md.

ACCOUNTING.
F. C. Uhlman, Gen. Aud.Baltimore, Md
R. Casson, Valua. Acct..... "
C.T.Leight,Asst.to Gen.Aud. "
P. L.Overman, Aud. Traf. "
E.F. Phillips, Div.Acct.Hagerstown,Md

TRAFFIC.
D. G. Gray, V.-Pres.....Baltimore,Md
J.W.Allison.Frt.Traf.Mgr. "
T. H. Fee, Asst. G.F.A..... "
E. L. McCaulley, Asst.G.F.A. "
M. H. Jacobs, Asst. G.F.A.Pittsburgh, Pa
J.G.Krener. Asst. G.P.A.Baltimore,Md
H. A. Gebelein. Gen. Eastern Frt. Agt. ....New York, N.Y.
J. G. Linthicum, Gen. West. Frt. Agt.....Chicago, Ill
K. E. Hamlin, Frt. Clm. Agt.....Baltimore, Md

OPERATING.
E. R. Rouzer, Supt. Trans.....Hagerstown, Md
A. M. Smith, Supt..... "
A. Williamson, Supt..Cumberland, Md
Dr.R.F.Kieffer, Consult. Surg.....Baltimore, Md
J. E. Bond, Ch.of Police.. "
J. A. Peterson, Supt. Elevators..... "
W. T. Stringer, Supt.Rel. Dept..... "
C.A.Steiner,Supt.Wage Bur.....Cumberland, Md

PURCHASING.
¶M. E. Towner, Gen. Pur. Agt..... Baltimore, Md.
E.Jones,Asst.toGen.Pur.Agt "

DIVISION STORE KEEPERS.
J. L. Hartzell.....Cumberland,Md
H. S. Moser.....Hagerstown, Md
A.T. Babcock.Tie & Tim. Agt.....Baltimore, Md
J. L. Gorsuch, Sta..... "

MECHANICAL.
S. B. Riley, Supt. M. P..Hagerstown, Md
C. S. Karper, Asst. to Supt. M. P..... "
W.J.Crabbs,Mech.Eng. "
S. W. Caton, M. C. B... "

ROAD FOREMAN OF ENGINES.
C. A. Cosens (Asst.)...Hagerstown, Md
F. R. Dotson.....Cumberland, Md
W.W.Rayburn(Asst.).. "
G. W. Tullis.....Hagerstown, Md

ENGINEERING, BRIDGES & ROADWAY.
H. R. Pratt. Ch.Eng.....Baltimore, Md
C. B. Hoffman, Jr.,Asst. to Ch. Eng..... "
O.W.Connet,Valua.Eng. "

DIVISION ENGINEERS.
G. R. Haworth.....Cumberland, Md
G. H. Hornbaker.....Hagerstown, Md

SIGNAL DEPARTMENT.
E. E. Bradley, Sig. & Tel. Eng.....Hagerstown, Md
J. S. Webb, Sig. Insp... "

1039a—WESTERN OHIO RY.(Electric
112 Mls, Cars: 72 Frt, 12 Pass
Cleveland address. 1500 Keith Bldg.
Lima address, 207 E. Market St.

✪F. D. Carpenter. Pres. & Gen. Mgr.....Lima, O
A. Born, V.-Pres.....Cleveland, O
H. C. Lang, Sec. & Treas.. "
E. O. Reed. Aud.... .....Lima, O
C. O. Sullivan. Traf. Mgr..... "
E.B. Gunn, Supt.Trans. & Equip.....Wapakoneta, O
¶W. Varner, Pur. Agt..... .....Lima, O
H. V. Swinehart, Elec. Eng.... "
E. C. Meckstroth, Ch. Eng..St. Marys, O
N. Pohlabein, Rd.Mast..Wapakoneta, O

1040—WESTERN PACIFIC R. R. CO.
1,042 Mls, 155 Loco, Cars; 6,478 Frt, 57 Pass
San Francisco address, Mills Bldg.
New York address, 37 Wall St.

EXECUTIVE, FINANCIAL AND LEGAL.
A.W. Krech, Chmn Bd...NewYork,N.Y
C. M. Levey, Pres....San Francisco, Cal
F. W. M. Cutcheon, V.-Pres.....New York, N. Y
A. R. Baldwin, V.-Pres.. "
J. F. Bowie,Coun. to Bd. "
E. W. Mason, V.-Pres.& Gen. Mgr..... .... San Francisco, Cal
C.Elsey, V.-Pres. & Treas..... "
W. G. Bruen, Sec..... "
F. M. Angelotti, Gen. Coun.. "
J. S. Moore, Jr., Gen. Atty... "
J. L. Smith, Tax Agt..... "
L. J. Kerrigan, Clm. Agt..... "

VALUATION COMMITTEE.
J. W. Williams, Ch. Eng.... D. C. DeGraff, Gen. Aud.... San Francisco, Cal

ACCOUNTING.
D. C. DeGraff, Gen. Aud.... C. P. Russell, Asst.Gen.Aud. San Francisco, Cal
C. N. Hotchkiss, Aud. Frt. & Pass. Accts..... "
W.F.Whiteman,Frt.Clm.Agt. "

TRAFFIC.
H. K. Faye, Traf. Mgr.. .... B. K. Smith, Asst. Traf. Mgr. San Francisco, Cal
J. D. Mansfield, G. F. A..... "
J. F. Bon, Asst. G. F. A..... "
W. J. Shotwell, Asst. G. F. A.. "
J. L. Scott, G. P. A..... "
F. W. Hodges, Asst. G. P. A... "

1040—WESTERN PACIFIC—Continued.

J. Noel, Foreign Frt. Agt... } San Francisco, Cal.
B. F. Nevins, Gen. Live Stock Agt..... "

OPERATING.

✪E. W. Mason, V.-Pres. & Gen. Mgr..... } San Francisco, Cal
C. F. Craig, Asst. to Gen. Mgr.. "
H. W. Forman, Asst. to Gen. Mgr..... "
J. W. McClymonds, Mgr. Perish. Frt. Serv..... "
J. P. Quigley, Supt. Trans... "
& Tel..... "
T. E. Coyle, Supt.....Sacramento, Cal
J. H. Leary, Term. Supt..Oakland, Cal
H. J. Beem, Supt.....Elko, Nev
C. E. Benton, Supt. Din. Cars & Hotel.....Oakland, Cal
Dr. T. W. Huntington, Ch. Surg.....San Francisco, Cal

PURCHASING.

¶C. F. Post, Pur. Agt..San Francisco, Cal
J. L. Berryhill, Gen. Str. Kpr. (Jeffery Shops).. } Sacramento, Cal.

MECHANICAL.

M. B. McPartland, Supt. M. P.....Sacramento, Cal
E. E. Gleason, Mech. Eng. "
§A. H. Powell, Supt. Shops..... } Jeffery Shops, Sacramento, Cal

MASTER MECHANICS.

M. T. Saunders..... } Jeffery Shops Sacramento, Cal
W. A. Stapp.....Elko, Nev

ROAD FOREMEN OF ENGINES.

E. M. Caffery.....Elko, Nev
J. W. Hardy.....Portola, Cal
K. Muhl.....Stockton, Cal

J. Marty, For. Paint...Sacramento, Cal

ENGINEERING, BRIDGES & ROADWAY

J. W. Williams, Ch. Eng... } San Francisco, Cal.
T. L. Philips, Asst. Eng. "
H. M. Smitten, Brdg. Eng. "
C. P. Gilmore, Gen. Supvr. M. W. & S.....Oakland, Cal
C. Duckworth, Supvr. B. & B..Elko, Nev
H. L. McFall, Supvr. B. & B.....Sacramento, Cal

ROAD MASTERS.

J. P. Connelly.....Oakland, Cal
W. H. Day.....Keddie, Cal
H. L. Kile.....Oakland, Cal
M. H. Kilgore.....Salt Lake City, Utah
B. F. Maynard.....Portola, Cal
N. A. Richards.....Elko, Nev
J. S. Slattery.....Winnemucca, Nev
R. N. Stevens.....Wendover, Utah
E. Sullivan.....Sacramento, Cal

SIGNAL DEPARTMENT.

J. R. Coles, Sig. Eng.....Oakland, Cal

—† WESTERN RY. OF ALABAMA, THE

For officials see A. & W. P. R. R., No. 41.

1041—WESTERN RY. OF MEXICO.

38 Mls, 2 Loco, Cars: 7 Pass, 24 Misc

I. J. Douglas, Gen. Mgr....Culiacan, Mex

1042—WESTFIELD R. R. CO.

33 Mls, 1 Loco, Cars: 3 Frt, 2 Pass (Mot), 1 Misc

W. H. Drewel, Pres.....Westfield, Ill
H. E. Spelbring, Treas..... "
¶★✠C. E. Bennett, Gen. Mgr. "

1043—WEST JERSEY & SEA SHORE R.R.CO. *See Penna. R. R., No. 751.*

1043a—WEST SHORE R. R.

For officials see N. Y. C. R. R., No. 693.

1044—WEST SIDE BELT R. R. CO.

For officials see P. & W. V. Ry. Co., No. 774a

1045—WEST VIRGINIA & SOUTHERN R. R. CO., THE

3 Mls, 2 Loco, Cars: 118 Frt, 1 Pass, 1 Misc

¶★T. Oliver, Supt.....Marmet, W. Va

Official information not obtainable

1046—WEST VIRGINIA MIDLAND RY. CO. 40 Mls, 3 & 4.8½ G, 3 Loco, Cars: 88 Frt, 5 Pass, 2 Misc

✪H. B. Curtin, Pres...Clarksburg, W. Va
F. McNeil, V.-Pres.. "
G. A. Hechmer, Sec., Treas. & Gen. Mgr.....Palmer, W. Va
J. B. Skidmore, Aud. } Webster Springs, W. Va.
J. M. Hoover, Gen. Coun..... "
¶O. W. Marsh, Gen. Supt..Palmer, W. Va
E. A. Marsh, M. M..... "
J. J. Belasco, Ch. Eng..... } Webster Springs, W. Va.
M. P. Coulehan, Supvr. Trk. & B. B.....Palmer, W. Va

1047—WEST VIRGINIA NOR. R. R. CO. 11 Mls, 4 Loco, Cars: 3 Frt, 1 Pass

✪J. H. Weaver, Pres... } 260 So. Broad St., Philadelphia, Pa.
L. G. Ball, V.-Pres.... "
C. M. Johnson, Sec... "
¶S. Frazer, Treas..... "
W. G. Tebbens, Gen. Aud. "
J. E. Cupp, Gen. Coun.. "
L. G. Crane, Aud. & G. F. A. "
★G. Reith, Gen. Mgr....Kingwood, W. Va
F. M. McDaniel, Ch. Eng.....Clarksburg, W. Va

1048—1049—

1050—WHARTON & NORTHERN R. R. CO. 23 Mls, 10 Loco, Cars: 49 Frt

J. L. Replogle, Pres....New York, N. Y
L. Peckitt, V.-Pres..... "
S. H. Bell, Sec.....Wharton, N. J
L. R. Dohm, Treas. & Aud... "
C. W. Carling, G. F. A..... "
¶✠✪P. E. Stryker, Gen. Mgr. "
J. H. Stryker, M. M..... "

1051—WHEELING & LAKE ERIE RY. CO., THE

512 Mls, 211 Loco, Cars: 10,660 Frt, 76 Pass, 446 Misc

EXECUTIVE, FINANCIAL AND LEGAL

W. M. Duncan, Chmn. Bd..Cleveland, O
G. Durham, V.-Pres. & Gen. Mgr..... "
C. E. Bahl, Sec..... "
J. W. Broome, Asst. Sec.... "
J. G. Stidger, Treas..... "
R. F. Denison, Gen. Atty.... "
A. P. Martin, Asst. Gen. Atty. "
P. K. Soffel, R. E., Clm. & Tax Agt.....Canton, O

1051—WHEELING & LAKE ERIE—Cont'd.

ACCOUNTING.

H. H. Henderson, Compt..Cleveland, O
J. A. McCort, Aud..... "

TRAFFIC.

F. P. Barr, Gen. Traf. Mgr. Cleveland, O
E. Briggs, Asst. to Gen. Traf. Mgr..... "
R. F. Smith, G. F. A..... "
O. B. Akerly, Asst. G. F. A. "
T. J. McRoberts. G. P. A. { Ontario St. Sta., Cleveland, O
H. Kaser, Frt. Clm. Agt....Cleveland, O

OPERATING.

✪G. Durham, V.-Pres. & Gen. Mgr.....Cleveland, O
H. W. McMaster, Special Representative..... "
F. E. Barber, Supt. Terms.. "
C. A. Bates, Gen. Supt.....Brewster, O
H. S. Parrish, Supt..... "
W. W. Weiss, Supt.....Toledo, O
D. J. Morris, Supt. Car Serv..Brewster, O
P. Vliet, Supt. Tele. & Telo. "

PURCHASING.

¶ W. W. Griswold. Pur. Agt..Cleveland, O
H. W. Morris, Asst Pur. Agt. "
E. S. Marsh. Gen. Str. Kpr..Brewster, O
T. Cowie, Str. Kpr..... "
F. A. Donovan, Str. Kpr. { Ironville, O P. O. Toledo

MECHANICAL.

H. A. Macbeth, Supt. M. P. & Cars.....Brewster, O
R. C. Pattison, Mech. Eng. "
W. H. Eckroate, M. M..... "
J. H. Douglas, M. C. B.....Toledo, O

ROAD FOREMEN ENGINES.

W. J Goodman.....Brewster, O
W. T. McCarty (Asst.)..... "
C. W. Meyers..... "
J. D. Strohl..... "

E. A. Hamilton, Elec. Eng..Brewster, O
B. Weldman, Ch. Elec..... "
J. B. Tynan, Supt. Loc. Shop "
J. F. Hill, Mech. Insp..... "
H. J. Bruggeman, Gen. For. E. Toledo, O
A. Kreger. For. Paint..... "
J. A. Workman. For. Paint..Brewster, O

ENGINEERING, BRIDGES & ROADWAY

W. A. Roderick, Eng. M. W. & S.....Brewster, O
T. J. Williams, Spec. Eng..Cleveland, O
W. L. Peoples, Asst. Eng...Brewster, O
W. B. Thomson, Val Eng..Cleveland, O
W. Mahan, Mast. Carp.....Brewster, O
M. Weldrick, Mast. Carp... "
C. Archibald, Supvr. Water. "

ROAD MASTERS.

N. Davis.....Brewster, O
T. F. Jordan.....Canton, O
M. King .....Brewster, O
C. E. McThena.....Norwalk, O
A. C. Telfer.....Dillonvale, O

1052—1053—

1054—WHITE PASS & YUKON ROUTE.

120 Mls, 3 G, 13 Loco, Cars: 208 Frt, 21 Pass, 8 Misc

Composed of the following roads:
BRITISH COLUMBIA YUKON RY. CO.
BRITISH YUKON RY. CO.
BRITISH YUKON NAVIGATION CO., LTD.
PACIFIC & ARCTIC RY. & NAV. CO.

Chicago address, 111 W. Washington St.
Seattle address, Alaska Bldg.

✪F. C. Elliott, Pres. .....Chicago, Ill
H. Wheeler, Gen. Mgr....Seattle, Wash
G. H. Miller, Gen. Aud. Skaguay, Alaska
J. G. Blanchard, G. P. A..Seattle, Wash
✠V. I. Hahn, Supt. (Rail). Skaguay, Alaska
W. D. Gordon, Supt. (River).....White Horse, Y. T
¶ C. J. Rogers, Pur. Agt....Seattle, Wash
§ H. Ashley, M. M.....Skaguay, Alaska

1055—WHITE RIVER R. R. CO.

19 Mls, 4 Loco, Cars: 2 Frt, 3 Pass

¶★✠✪E. S. French, Pres...Rochester, Vt
E. L. Bennett, V.-Pres.....Boston, Mass
E. A. Davis, Treas.....Bethel, Vt
M. E. Cooke, Asst. Treas..Rochester, Vt
H. C. Stoughton, G. F. A.. "
G. E. Stevens, Supt..... "

1056—WHITE SULPHUR & HUNTERSVILLE R. R.

27 Mls, 1 Loco, Cars: 1 Frt, 1 Pass

Washington address, Woodward Bldg.
G. F. M. Hauck, Pres.....Baltimore, Md
¶ J. W. Powell, V.-Pres. & Gen. Mgr.....Washington, D.C
F. Hauck, Sec. & Treas. Ronceverte, W. Va
¶★✠R. A. West, Supt. { White Sulphur Springs, W. Va.

1057—WHITE SULPHUR SPRINGS & YELLOWSTONE PARK RY. CO.

23 Mls, 2 Loco, Cars: 2 Pass

New York address, 636 5th Ave.
Chicago address, 80 E. Jackson Blvd.

J. Ringling, Pres.....New York, N. Y
R. Ringling, V.-Pres.. { White Sulphur Springs, Mont
M. S. Gunn, V-Pres.....Helena, Mont
R. M. Calkins, Jr., Sec. Lewistown, Mont
A. G. Loomis, Treas.....Chicago, Ill
J. M. Kelley, Gen. Atty..... "
W. V. Wilson, Gen. Aud.... "
¶★H. G. Collum, Supt.. { White Sulphur Springs, Mont
W. H. Penfield, Ch. Eng....Chicago, Ill

1057a—WICHITA FALLS, & SO. R. R. CO. 103 Mls, 13 Loco, Cars: 160 Frt, 9 Pass

¶✠✪F. Kell, Pres. & Gen. Mgr..... { Wichita Falls, Tex.
M. Packer, Sec. to Pres... "
C. W. Snider, Sec..... "
R. O. Harvey, Treas..... "
O. B. Womack, Aud. & Asst. Sec..... "
H. N. Roberts, Traf. Mgr. "
★§L. N. Bassett, Gen. Supt. "
G. E. Ford, Car Acct..... "
L. H. Slaughter, Str. Kpr. "
R. A. Thompson, Ch. Eng. "

1057c—WICHITA FALLS, RANGER & FORT WORTH R. R. CO.
76 Mls, 7 Loco, Cars: 29 Frt, 7 Pass, 2 Misc
Receiver appointed, Dec. 26, 1921.
✪J. W. Mitchell, Recr. & Gen. Mgr. ... Ft. Worth, Tex.
J. H. Barwise, Jr., Atty. for Recr. ... "
M. W. Tobin, R. of W. & Clm. Agt. ... Ranger, Tex
J. D. Sullivan, Aud. ... "
B. C. Morgan, G. F. & P. A. ... "
¶W. H. Larson, Asst. Gen. Mgr. ... Ft. Worth, Tex
✠F. L. Carroll, Supt. ... Ranger, Tex
C. G. Hess, M. M. ... "

1057e—WICHITA NO.-WESTERN RY. CO. 100 Mls, 4 Loco, Cars: 12 Frt, 2 Pass, 23 Misc
Receiver appointed, Nov. 11, 1922.
✪O. P. Byers, Recr. ... Hutchinson, Kan.
F. C. French, V. Pres. ... "
¶T. A. Fry, Sec., Treas., Pur. Agt. & Aud. ... "
A. A. Miller, Asst. Aud. ... "
A. C. Malloy, Gen. Coun. ... "
O. Hodges, Supt. ... Pratt, Kan
H. McSpadden, M. M. ... "
C. Zies, Gen. Car For. ... "
I. S. Puckett, Rd. Mast. ... "
W. A. Van Vrankin, Supt. B. & B. ... "

1058—WICHITA VALLEY RY. CO., THE
272 Mls, 3 Loco, Cars: 90 Frt, 4 Pass, 10 Misc
O. E. Maer, Supt. ... Wichita Falls, Tex
J. N. Porter, Rd. Mast. ... Stamford, Tex
For other officials see Ft. W. & Denver City Ry., No. 349.

1059—†WIGGINS FERRY, CO.
See East St. Louis Connecting Ry., St. Louis Transfer Ry., No. 306c.

1059a—WILDWOOD & DELAWARE BAY SHORT LINE R. R. CO.
4 Mls, 1 Loco, Cars owned: none
Washington address, 1319 F. St., N. W.
L. R. Baker, Pres. ... Wildwood, N. J.
★✪E. G. Slaughter, V.-Pres. & Gen. Mgr. ... "
G. H. Parker, V.-Pres. & Compt. ... Washington, D.C
O. I. Blackwell, Sec. & G. P. A. ... "
¶J. H. Slaughter, Treas. & Pur. Agt. ... Wildwood, N. J.
J. F. Clark, Aud. & Asst. Treas. ... "
T. S. Goslin, G. F. A. ... "
A. G. Hohl, Supt. Docks & Wharves ... "
H. E. Weir, Ch. Eng. ... "

1060—WILKESBARRE & HAZLETON RY. CO. (Electric).
30 Mls, 1 Loco, Cars: 14 Frt, 10 Pass, 2 Misc
✪A. Markle, Pres. ... Hazleton, Pa
★✠C. B. Houck, V.-Pres. & Gen. Mgr. ... "
¶E. B. C. Markle, Asst. Gen. Mgr. & Pur. Agt. ... "
A. Markle, Jr., Sec. & Treas. ... "
G. A. Zeeb, Traf. Mgr. ... "

1060a—WILKES-BARRE CONNECTING R. R. CO.
7 Mls. Equipment owned—none.
New York address, 32 Nassau St.
A. J. Country, Pres. ... Philadelphia, Pa
W. H. Williams, V.-Pres. ... New York, N.Y
J. T. Loree, V.-Pres. ... Albany, N. Y
J. W. Coon, Sec. ... New York, N. Y
W. H. Davies, Treas. ... "
W. E. Eppler, Compt. ... "

1060b—WILLAMETTE VALLEY & COAST R. R. CO.
6 Mls, 1 Loco, Cars: 4 Frt, 2 Pass
W. T. Merrick, Pres. ... Cherry Grove, Ore.
★✠§F. T. Howland, V.-Pres. & Traf. Mgr. ... "
E. A. Lewis, V.-Pres. ... Eugene, Ore
¶✪L. R. Carpenter, Sec. & Mgr. ... Cherry Grove, Ore

1060c—WILLAMETTE VALLEY SOUTHERN RY. CO. (Electric).
20 Mls, 1 Loco, Cars: 6 Pass
F. T. Griffith, Chman of Bd ... Oregon City, Ore.
¶★✠F. D. Hunt, Pres. & Gen. Mgr. ... "
G. A. Harding, V.-Pres. ... "
C. M. Baker, Aud. ... "
W. A. Huntley, Treas. ... "
F. D. Ellis, M. M ... "

1061—WILLIAMSPORT & NORTH BRANCH RY. CO.
46 Mls, 5 Loco, Cars: 7 Frt, 9 Pass, 5 Misc
E. Bailey, Pres. ... Harrisburg, Pa
J. K. Rished, V.-Pres. ... Williamsport, Pa
F. W. Corcoran, Gen. Aud. ... Hughesville, Pa
E. R. Kiess, G. F. & P. A. ... "
R. E. Parker, Frt. Clm. Agt. & Car Acct. ... "
✪D. K. Townsend, Gen. Mgr. ... "
¶★H. A. Knipe, Gen. Supt. & Pur. Agt. ... "
W. C. Mason, Ch. Eng. ... La Porte, Pa

1062—WILLIAMS VALLEY R. R. CO.
11 Mls, Equipment owned—None
I. T. Tyson, Supt. ... Reading, Pa

1063—1064—

1065—WILMINGTON, BRUNSWICK & SOUTHERN R. R. CO.
30 Mls, 2 Loco, Cars: 2 Frt, 5 Pass
M. J. Corbett, Pres. ... Southport, N.C.
W. Taylor, Sec. ... "
H. C. McQueen, Treas. ... "
¶★§✠✪H. M. Shannon, Aud. & Traf. Mgr ... "
M. W. Divine, Gen. Mgr. ... "

1065a—WINCHESTER & WESTERN R.R. 40 Mls, 2 Loco, Cars: 7 Frt, 3 Pass. (includ. 2 Mot.)
W. B. Cornwell, Pres. ... Winchester, Va.
¶★§✠D. H. Sencindiver, Treas. & Gen. Mgr ... "

1065b—WINDSOR, ESSEX & LAKE SHORE RAPID RY. CO., THE
37 Mls, 2 Loco, Cars: 19 Frt, 11 Pass, 3 Misc
Toronto address, Temple Bldg.
G. D. Wickett, Pres.....Windsor, Ont
N. A. McLarty, Gen. Coun. "
J. L. Baird, Aud. & Asst. Sec.-Treas.....Kingsville, Ont.
✪E. S. Hughes, Traf. Mgr.... "
¶ A. B. Coryell, Gen. Supt., Pur. Agt. & Supt. Maint..... "
§ E. Butler, Shop For..... "
F. Haslam, Ch. Eng..... "
E. Tiffin, For. Overhead..... "

1066—WINFIELD R. R. CO., THE
13 Mls, 1 Loco, Cars: 1 Pass
¶★✠F.C. McKee, Pres. & Gen. Mgr.....2215 Oliver Bldg, Pittsburgh, Pa.
S. B. Smith, V.-Pres..... "
W. B. McKee, Sec. & Treas. "

1067—WINIFREDE R. R.
10 Mls, 2 Loco, Cars: 110 Frt, 2 Pass, 4 Misc
F. B. Stewart, Pres....Philadelphia, Pa
✪J. G. O'Callaghan, Asst. Treas.....Winifrede, W. Va.
¶ W. H. W. Mason, Pur. Agt.. "
✠W. T. Johnson, Supt. M. P.... "

1067a—WINONA SERVICE CO.
70 Mls, 4 Loco (Elec), Cars: 40 Frt, 19 Pass, 6 Misc
✪H. Reid, Pres.....Indianapolis, Ind
T. C. Frazer, V.-Pres.....Warsaw, Ind
J. P. Goodrich, Sec. & Treas. Indianapolis, Ind.
I. E. Guthrie, Asst. Sec. & Treas.....
J. R. Steinbach, Aud.....Warsaw, Ind
C. F. Richardson, Supt.... "
¶ W. S. Campbell, Pur. Agt.....Indianapolis, Ind
J. O. Motto, Traf. Mgr.....Warsaw, Ind
C. Sigler, M. M..... "
C. L. Ruse, Rd. Mast..... "

1068—WINSTON-SALEM SOUTHBOUND RY. CO.
95 Mls, 12 Loco, Cars: 166 Frt, 4 Pass, 21 Misc
¶✪H. E. Fries, Pres. & Gen. Mgr.....Winston-Salem, N.C
J. R. Kenly, V.-Pres.....Wilmington, N. C.
J. F. Post, Sec..... "
J. T. Reid, Treas..... "
W. D. McCaig, Gen. Aud..... "
E. L. Prince, Aud. Frt. Rec... "
G. S. LeGrand, Aud. Pass. Rec. "
S. P. Collier, Traf. Mgr. .. "
★G. F. Turley, Gen. Supt... Salem, N. C
G. K. Aderholt, Rd. Mast.. Albermale, N.C

1069—WISCASSET, WATERVILLE & FARMINGTON RY.
44 Mls, 2 G, 5 Loco, Cars: 92 Frt, 5 Pass, 5 Misc
H. O. Phillips, Pres.....Portland, Me
¶★✠✪S. J. Sewall, V.-Pres. & Gen. Mgr.....Wiscasset, Me
F. B. Haggett, Treas..... "

1070—WISCONSIN & MICHIGAN RY. CO.
76 Mls, 5 Loco, Cars: 165 Frt, 4 Pass, 3 Misc
Chicago address, 1307 Wrightwood Ave.
J. Marsch, Pres.....Chicago, Ill
✪W. H. Wright, V.-Pres. & Gen. Mgr.....Menominee, Mich.
✠H. B. Mitchell, Asst. Gen. Mgr. "
N. Marsch, Sec. & Treas.....Chicago, Ill
¶ A. H. Hayes, Asst. Treas. & Pur. Agent.....Menominee, Mich.
Wm. A. Ahern, Aud..... "
C. H. McLeod, Asst. Aud... "
H. N. Breckheimer, G. F. & P. A..... "
J. Gauthier, Supt. & M. M... "

1071—WISCONSIN POWER & LIGHT CO. (Sheboygan Division).
36 Mls, 2 Loco, Cars: 1 Frt, 17 Pass, 9 Misc
M. E. Sampsell, Pres.....Chicago, Ill
G. C. Neff, V.-Pres.....Madison, Wis
L. J. Clark, Sec.....Chicago, Ill
D. Shaw, Treas.....Madison, Wis
M. H. Frank, Div. Mgr. Fond du Lac, Wis
F. W. Whitely, Dist. Mgr.. "
E. M. Hervey, Local Mgr. & Elec. Eng.....Sheboygan, Wis
F. M. Holaday, Dist. Mgr. Oshkosh, Wis
L. P. Fessenden, Dist. Mgr.....Sheboygan, Wis
W. Bellmer, Supt. Ry. Fond du Lac, Wis
A. Kolste, Supt. Ry....Sheboygan, Wis
C. Bauman, Supt. Ry.....Oshkosh, Wis
¶ J. H. Verheyden, Pur. Agt. Madison, Wis
J. L. Curtis, M. M.....Sheboygan, Wis
E. Harra, M. M.....Oshkosh, Wis
O. S. Diehl, Power Plant Eng.....Fond du Lac, Wis
V. E. Todd, Ch. Eng. Power Plant.....Sheboygan, Wis
A. A. Oldfield, Eng. M. W. Fond du Lac, Wis

1072—

1073—WOOD RIVERBRANCH R.R.CO
6 Mls. Cars: 9 Frt
R. C. Watrous, Pres...Hope Valley, R. I
¶★J. C. Wilson, Supt., Treas. & Pur. Agt.... "

1074—WOODSTOCK RY. CO.
14 Mls, 2 Loco, Cars: 3 Frt, 4 Pass, 2 Misc
R. Billings, Pres.....115 Broadway, New York, N. Y
S. E. Kilner, V.-Pres.. "
¶★✠C. H. Furber, Treas. & Gen. Mgr.....Woodstock, Vt
I. S. Spaulding, Asst. Treas. "
H. C. Cushing, Aud..... "
F. H. Knapp, G. F. & P. A. "

1074a—WOODWARD IRON CO.'S R.R.
45 Mls, 18 Loco, Cars: 260 Frt, 8 Pass, 12 Misc
A. H. Woodward, Chman.. Woodward, Ala
F. H. Crockard, Pres..... "
D. E. Wilson, V.-Pres. & Treas. "
H. E. Smith, Sec..... "
★✠J. A. Long, Gen. Mgr..... "
W. D. Millar, Asst. Gen. Mgr. "
L. Haney, Supt. Trans..... "
¶ J. H. Leonard, Pur. Agt..... "

1075—WOODWORTH & LOUISIANA CENTRAL RY. CO., THE
Operated by S. A. & S. W. Ry. Sys., No. 899.

1076—WRIGHTSVILLE & TENNILLE R. R. CO.
103 Mls, 7 Loco, Cars: 66 Frt, 13 Pass, 6 Misc
C. Molony, Pres. & Gen. Mgr. Tennille, Ga
C. F. Groves, Sec.....Savannah, Ga
T. M. Cunningham, Jr., Gen. Coun..... "
R. M. Daley, Gen. Solr.....Dublin, Ga

1076—WRIGHTSVILLE & TENNILLE—Cont'd.
W. B. McKinstry, Aud....Savannah, Ga
W. C. Askew, Treas..... "
H. V. Jenkins, Asst. Treas. "
B. H. Lord, Traf. Mgr.....Dublin, Ga
D. W. Brantley, Car Acct. Savannah, Ga
¶ J. L. Bennett, Pur. Agt... "
D. T. Brown, M. M.....Dublin, Ga
C. B. Niehaus, Val. Eng. Savannah, Ga
B. Suggs, Rd. Mast.....Dublin, Ga

1076a—WYANDOTTE TERMINAL R. R. 17 Mls, 7 Loco. Cars: 81 Frt.
✱J. B. Ford, Pres. & Gen. Mgr. Detroit, Mich
W. S. Crowl, V.-Pres. & Traf. Mgr.....Wyandotte, Mich
J. M. Griffith, Aud.... "
W. T. Orr, Supt... .... "
¶ A. D. Harris, Pur. Agt. "
G. B. Palmer, Ch. Eng. "

1076b—WYOMING RY. CO.
29 Mls, 3 Loco, Cars: 5 Frt, 3 Pass
✪W. G. Dows, Pres.....Cedar Rapids, Ia
J. S. Duncan, V.-Pres.....Chicago, Ill
J. E. Hamilton, V.-Pres.....Cedar Rapids, Ia
F. G. S. Hesse, V.-Pres....Buffalo, Wyo
E. F. Goltra, V.-Pres.....St. Louis, Mo
W. T. Alden, Sec.....Chicago, Ill
I. B. Smith, Treas. & Traf. Mgr.....Cedar Rapids, Ia
J. F. Sorensen, Aud... "
¶★G. G. Belt, Gen. Mgr.....Buffalo, Wyo
J. D. Wardle, Ch. Eng. Cedar Rapids, Ia

1076c—WYOMING & MISSOURI RIVER RY. CO.
18 Mls, 2 Loco, Cars: 7 Frt, 1 Pass, 1 Misc
New York address, 143 Liberty St.
J. L. Kemmerer, Pres..New York, N. Y
D. W. Hickey, V.-Pres. & Sec.....Belle Fourche, S. D
W. E. Decker, Treas. & Asst. Sec.....New York, N. Y
¶★✠✪F. H. Mann, Gen. Mgr. Aladdin, Wyo

1076d—YADKIN R. R. CO.
53 Mls. Equipment owned—none
J. W. Fletcher, Supt....Salisbury, N. C

1076e—YAKIMA VALLEY TRANSPORTATION CO. (Electric).
43 Mls, 2 Loco, Cars: 15 Frt, 15 Pass, 3 Misc
✪N. C. Richards, Pres. & Gen. Mgr .....Yakima, Wash
J. D. Farrell, V.-Pres.....Seattle, Wash
I. M. Nanson, Sec.....Yakima, Wash
O. J. Meerdink, Treas... "
G. W. Beeman, Aud..... "
¶★W. S. Howard, Supt... "
S. Murray, Eng.....Portland, Ore

1076f—YAKUTAT & SOUTHERN RY.
15 Mls, 1 Loco, Cars: 1 Pass
P. Larmon, Pres..... } Hamlin St. & Fairview Ave.,
D. W. Branch, Mgr..... } Seattle, Wash

1077—YAZOO & MISSISSIPPI VALLEY R. R. CO., THE
For officials see I. C. R. R., No. 428.

1078—YORK HARBOR & BEACH R. R.
Mileage and Equipment included in B. & M. R. R.
Operated by Boston & Maine R. R., No. 97

1078a—YORK UTILITIES CO. (Elec.)
37 Mls, 3 Loco, Cars: 4 Frt, 21 Pass, 10 Misc
F. O. Conant, Pres.....Portland, Me
C. Southworth, V.-Pres-.. "
G. S. Hobbs, Treas..... "
P. B. Hawley, Asst. Treas. Kennebunk, Me
✠W. M. B. Lord, Gen. Mgr. "
¶★W. A. Lovejoy, Supt... "
G. L. Hanscom, Asst. Supt. "

1079—YOSEMITE VALLEY R. R. CO.
78 Mls, 8 Loco, Cars: 262 Frt, 8 Pass
San Francisco address, 910 American Bank Bldg.
F. T. Elsey, Pres.....San Francisco, Cal
T. Turner, Treas..... "
J. W. Swords, Aud.....Merced, Cal
¶✪W. L. White, Gen. Mgr... "
F. L. Higgins, Supt. M. P.... "
G. H. Nickerson, Ch. Eng... "

1079a—YOUNGSTOWN & NORTHERN R. R. 5 Mls, 4 Loco, Cars: 97 Frt, 7 Pass
Pittsburgh address, Carnegie Bldg.
J. B. Kennedy, Pres....Youngstown, O
J. H. Reed, V-Pres.....Pittsburgh, Pa
F. H. Pilgrim, Supt.....Youngstown, O
For other officials see E. & M. R. R., No. 325b

1080—YOUNGSTOWN & OHIO RIVER R. R. CO., THE (Electric).
37 Mls, 3 Loco Cars: 36 Frt, 7 Pass. 2 Misc
¶✪J. D. Dewees, V.-Pres. & Gen. Mgr.....Leetonia, O
R. F. Miller, Aud. & G. P. A.. "
O. H. La Zelle, Gen. Frt. Agt.
A. A. Crawford, Supt. M. P..
S. W. Atterholt, Rd. Mast.....

1081—YOUNGST'N & SUBURBAN RY.
25 Mls, 1 Loco, Cars: 1 Frt, 8 Pass, 5 Misc
New York address, 165 Broadway.
Youngstown address, 21–23 E. Front St.
A. E. Fitkin, Pres.....New York, N. Y
F. Tod, V.-Pres.....Youngstown, O
S. R. Jones, Sec.....New York, N. Y
W. E. Shaw, Jr., Treas. "
R. C. Casselberry, Aud.. .... } Youngs-
¶ E. O. Shryock, Mgr..... } town, O
J. P. Davis, Supt. Trans..... "
J. F. Richards, Supt. Overhead "
F. Gething, M. M..... "
M. S. Tod, Ch. Eng..... "

1082—YREKA R. R. CO.
8 Mls, 2 Loco, Cars: 2 Frt, 4 Pass
R. H. DeWitt, Pres.....Yreka, Cal
J. E. Turner, V.-Pres..... "
G. Jacobs, Sec.....Hornbrook, Cal
¶★✠D. C. Avery, Mgr. & Supt. Yreka, Cal

1082a—YUMA VALLEY R. R.
(U. S. Reclamation Service.)
25 Mls, 2 Loco, Cars: 48 Frt, 80 Misc
¶★P. J. Preston, Gen. Mgr. & Ch. Eng.....Yuma, Ariz

—† ZANESVILLE & WESTERN RY. CO., THE
See Ohio Central Lines, No. 693c.

JEMCO HAND BRAKE

Quick Take Up. Multiplied Power.

Rapid Release.

125 lb Pull on Hand Wheel = 4954 lb Pull on Brake Chain.

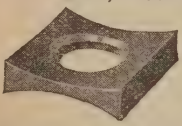
Meets All Requirements.

JEMCO PRODUCTS CO. - Fisher Bldg., Chicago, Ill.

MacLEAN-FOGG LOCK NUT Co.

J. A. MacLEAN, Pres.
J. W. FOGG, Vice-Pres.

Manufacturers of



"M-F" LOCK NUTS

2649 N. Kildare Ave. - - CHICAGO, ILL.

Car, Engine and Track Devices

HIGHWAY SIGNALS

DU-WEL

SIGNAL SPECIALTIES

DU-WEL STEEL PRODUCTS CO.

Railway Exchange Building - - - Chicago, Ill.

EVERYTHING FOR TRACK

TRASCO DEVICES

Trasco "U" Spike
Trasco Electric Steel Step Joint
Trasco Guard Rail Clamp
Trasco Car Stops
Trasco Tie Plates
Trasco Rail Clips
Trasco Rail Braces
Trasco Guard Rail Braces

STANDARD

Rail Drills — Benders — Saws
Levels — Gauges, etc.

Superior Derailers

Superior Rail Benders

TRACK SPECIALTIES CO., 6 Morris St., New York City

PRIVATE CAR COMPANIES.

COMPANIES OWNING OR OPERATING CARS OTHER THAN RAILROAD OWNERSHIP.

	CARS
1200—	
1201—Acar Manufacturing Corp..... 30 Church St., New York, N. Y. C. R. Powell, Traf. Mgr..New York, N. Y.	190
1202—Acme Petroleum Co..... 624 So. Michigan Ave., Chicago, Ill. G. E. White, Traf. Mgr.....Chicago, Ill.	24
1203—	
1204—Ajax Gasoline Co., The..... 1006 Coca Cola Bldg., Kansas City, Mo. L. C. Hickox, Traf. Mgr..Kansas City, Mo.	33
1205—Akin Gasoline Co., The..... Box 1402, Tulsa, Okla. A. H. Evans, Traf. Mgr.....Tulsa, Okla.	55
1206—Alabama Georgia Syrup Co..... Montgomery, Ala. H. L. Johns, Traf. Mgr..Montgomery, Ala.	3
1207—Albers Bros. Milling Co..... Seattle, Wash. A. J. Olmsted, Traf. Mgr....Seattle, Wash.	1
1208—Allegheny Steel Co..... Brackenridge, Pa. W. L. Mimm, Traf. Mgr..Brackenridge, Pa.	31
1209—1210—	
1211—Allied Packers, Inc..... 3830 So. Morgan St., Chicago, Ill. E. J. Norris, Traf. Mgr.....Chicago, Ill.	....
1212—	
1213—Allis-Chalmers Mfg. Co..... Milwaukee, Wis. F.C.Bryan, Gen.Traf. Mgr. Milwaukee, Wis.	5
1214—Almer Tank Lines Co., Inc..... 53 W. Jackson Blvd., Chicago, Ill. H. Almer, Gen. Mgr.....Chicago, Ill.	....
1215—Aluminum Ore Co..... 33rd St. & Missouri Ave., East St. Louis, Ill. E. A. Jack, Gen. Traf. Mgr..Pittsburgh, Pa.	171
1216—Amalgamated Sugar Co., The..... Eccles Bldg..Ogden, Utah. J. W. Ellingson, Traf. Mgr....Ogden, Utah	6
1216a-Amarillo Refining Co., Inc..... Amarillo, Tex. B. D. Dawson, Traf. Mgr.. { Amarillo Bldg., Amarillo, Tex.	....
1217—American Acid Co..... 121 Beverly St., Boston, Mass. C. A. McNamee, Traf. Mgr..Boston, Mass.	8
1218—American Agricultural Chemical Co.. 2 Rector St., New York, N. Y. A. J. Whitman, Mgr.....New York, N. Y.	19
1218a-American Asphalt Roof Corp..... Kansas City, Mo. H. W. McKee, Traf. Mgr..Kansas City, Mo.	2
1219—American Bridge Co..... Frick Bldg., Pittsburgh, Pa.	10
1220—American Car & Foundry Co..... 165 Broadway, New York, N. Y. A. D. Seelig, Traf. Mgr...New York, N. Y.	446
1221—	
1222—American Creosote Wks., Inc..... New Orleans, La. J. E. Cooke, Jr., Traf. Mgr. New Orleans, La.	20
1223—American Cyanamid Co..... 511 Fifth Ave., New York, N. Y. A. D. Whittemore, Traf. Mgr. New York, N. Y.	74
1224—American Extract Co..... Port Allegany, Pa. W. H. Barrho, Traf. Mgr..Port Allegany, Pa.	15
1225—American Glass Works..... Richmond, Va. J. T. Fowler, Traf. Mgr....Richmond, Va.	1
1226—	
1227—American Linseed Co..... 297 4th Ave., New York, N. Y. A. Weischedel, Traf. Mgr..New York, N. Y.	266
1228—American Milling Co., Tank Line..... Peoria, Ill. J. F. Hobin, Traf. Mgr.....Peoria, Ill.	6
1229—American Molasses Co. of New York, The..... 111 Wall St., New York, N. Y. A. G. Britton, Traf. Mgr..New York, N. Y.	57
1230—	
1231—American Oil Co..... Baltimore, Md. E. H. Miller, Traf. Mgr.....Baltimore, Md.	15
1232—American Oil Export Co., Inc..... 42 Broadway, New York, N. Y.	2
1233—American Oil Works Co..... Titusville, Pa. C. R. Westgate, Traf. Mgr...Titusville, Pa.	41
1234—American Petroleum Products Co.... 122 So. Michigan Ave., Chicago, Ill. W. K. Jones, Traf. Mgr.....Chicago, Ill.	10
1235—American Railway Express Co..... For official see Amer. Ry. Exp. Co., No. 1700.	404
1236—American Realty Co..... 100 E. 42nd St., New York, N. Y. A. H. Campbell, Traf. Mgr..New York, N. Y.	3
1237—American Refining Co., Inc..... 509 City Nat. Bk. Bldg., Wichita Falls, Tex. J. B. Yeager, Traf. Mgr..Wichita Falls, Tex.	343
1238—American Refrigerator Transit Co..... Railway Exchange Bldg., St. Louis, Mo. H. B. Koos-r, Pres. & Gen. Mgr..St. Louis, Mo.	....
1239—American Sheet & Tin Plate Co..... P. O. Box 62, Pittsburgh, Pa. J. L. Neely, Traf. Mgr.....Pittsburgh, Pa.	113
1240—American Ship Building Co..... Ft. of W. 54th St., Cleveland, O. H. W. Flynn, Traf. Mgr.....Cleveland, O.	2
1241—American Steel and Wire Co..... 208 So. La Salle St., Chicago, Ill. C. L. Cordes, Div. Frt. Agt..... { 819 Frick Bldg., Pittsburgh, Pa.	900
1242—American Sugar Refining Co., The... 117 Wall St., New York, N. Y. P. M. Ripley, Traf. Mgr...New York N. Y.	58
1243—American Tank Line, The..... 1300 Guardian Bldg., Cleveland, O. O. C. Jones, Gen. Mgr.....Cleveland, O.	674
1244—American Tar Products Co., Inc..... Union Trust Bldg., Pittsburgh, Pa. E. A. Munson, Traf. Mgr...Pittsburgh, Pa.	208
1245—American Turpentine & Tar Co., Ltd. P. O. Box 1256, New Orleans, La. C. E. Meriwether, Pres...New Orleans, La.	5

THE NORTH AMERICAN SYSTEM
SAVES POWER - LABOR - FUEL

OIL GAS

Direct Connected Ball Bearing BLOWERS in Nine Sizes.
Ball Bearing Belted Motor-Blower Units for 25 Cycle Current.
Low Pressure OIL BURNERS, Capacities from ½ to 150 gallons per hour.
LATEST DEVELOPMENTS IN BURNERS FOR USE WITH RECUPERATORS.
Butterfly Air Valves, Oil Strainers, Gas-Electric Blowers, Oil Pumps.

Supplying the largest, smallest and most exacting demands in the industry.

Write us for details — THE NORTH AMERICAN MANUFACTURING COMPANY
8922 Frederick Avenue Cleveland, Ohio

SHOEMAKER FIRE-DOOR

National Railway Devices Co.

General Offices and Works:
224 N. DESPLAINES ST. - CHICAGO, ILL.

STAYBOLT IRON ENGINE BOLT IRON
FORGING IRON

ESTABLISHED 1891
MONONGAHELA IRON & STEEL CO.
MILLS: PADEN CITY, W. VA. PITTSBURGH, PA.
STRICTLY HAND PUDDLED MUCK BAR PRODUCTS.
WE USE NO SCRAP.

DECATUR
MALLEABLE IRON CASTINGS

DECATUR MALLEABLE IRON COMPANY
DECATUR ILLINOIS

CARS

1246—American Window Glass Co. 30
Farmers Bank Bldg., Pittsburgh, Pa.
W. T. Lowe, G. F. A. .....Pittsburgh, Pa.

1247—American Zinc & Chemical Co. 85
515 Oliver Bldg., Pittsburgh, Pa.
A. J. Bien, Traf. Mgr. .....Pittsburgh, Pa.

1248—American Zinc Co. of Illinois 75
1004 Pierce Bldg., St. Louis, Mo.
H. S. Snow, Traf. Mgr. .....St. Louis, Mo.

1249—Anchor Car Co. 4
1117 New York Life Bldg., Chicago, Ill.

1250—Ankeney Linseed Manufacturing Co. .. 3
Des Moines, Ia.
H. E. Ankeney, Traf. Mgr. . Des Moines, Ia.

1251—Ansul Chemical Co. 2
Marinette, Wis.
H. V. Higley, Traf. Mgr. . . Marinette, Wis.

1252—Apex Refining Co., The 10
422 East 18th Ave., Denver, Col.
J. W. Crapsey, Gen. Mgr. .....Denver, Col.

1253—Archer-Daniels-Midland Linseed Despatch 187
P. O. Box 2078. Minneapolis, Minn.
D. A. Small, Traf. Mgr. . Minneapolis, Minn.

1254—Arizona Packing Co. .....
Phoenix, Ariz.

1255—Arkansas Oil Refining Co. 19
Fort Smith Ark.

1256—Arkansas Preservative Co. 8
220 N. 4th St., St. Louis, Mo.
J. Mullen, V.-Pres. .....St. Louis, Mo.

1257—Armour Car Lines 7853
ARMOUR REFRIGERATOR LINE.
ARMOUR & Co.
ARMOUR TANK LINE.
MORRIS & Co., REFRIGERATOR LINES.
MORRIS & Co., TANK LINE.
Union Stock Yards, Chicago, Ill.
J. B. Scott, Gen. Mgr. .....Chicago, Ill.

1258—Armstrong Packing Co. 26
P. O. Box 147, Dallas, Tex.
D. Damron. Traf. Mgr. .....Dallas, Tex.

1259—Arms-Yager Railway Car Co., The 77
Suite 1382, 410 No. Michigan Ave., Chicago, Ill.
W. A. Yager, Pres. & Gen. Mgr. . Chicago, Ill.

1260—Ashland By-Products Coke Co. 135
Ashland, Ky.
C. L. Bransford, Supt. .....Ashland, Ky.

1261—Associated Oil Co 259
79 New Montgomery St., San Francisco, Cal.
R. Hutcheson, Traf. Mgr., San Francisco, Cal.

1261a—Atlantic Chemical Co. 9
40 No. Market St., Boston, Mass.
A. M. Howland, Traf. Mgr. . . Boston, Mass.

1262—Atlantic Refining Co., The 4
260 So. Broad St., Philadelphia, Pa.
E. H. Porter, Traf. Mgr. . . Philadelphia, Pa.

1263—Atlantic Seaboard Despatch .....
327 So. La Salle St., Chicago, Ill.

1264—Atlas Petroleum Co. 10
1006 Coca Cola Bldg., Kansas City, Mo.
L. C. Hickox, Traf. Mgr. . Kansas City, Mo.

1265—Atlas Powder Co. 58
Wilmington, Del.
C. H. Gold. Traf. Mgr. . . . Wilmington, Del.

1266—Ault & Wiborg Co. of N. Y. .....
P. O. Box 348, Newark, N. J.
A. I. Moore, Traf. Mgr., 318 12th St., Jersey City, N. J.

1267—Aycock-Lindsey Turpentine Co. 6
Jacksonville, Fla.

CARS

1268—

1269—Baker Co., Franklin 3
15th & Bloomfield Sts., Hoboken, N. J.
S. B. Ferguson, Traf. Mgr. . . Hoboken, N. J.

1270—Balfour, Williamson & Co. 45
67 Wall St., New York, N. Y.
T. W. Berry, Traf. Mgr. . . New York, N. Y.

1271—Baltimore Car & Foundry Co. 6
Frick Bldg., Pittsburgh, Pa.
A. J. Bessoio, Traf. Mgr. .....Butler, Pa.

1271a—B. & M. Gasoline Co. 2
Box 1027, Tulsa, Okla.
R. E. Williamson, Traf. Mgr. . . . Tulsa, Okla.

1272—B & S Car Co. 51
Dayton, O.
M. Zapoleon, Treas. .....Dayton, O.

1273—Barber Asphalt Co., The 202
1600 Arch St., Philadelphia, Pa.
J. P. Brown, Traf. Mgr. . . Philadelphia, Pa.

1274—Barco Gasoline Co. 8
P. O. Box 413, Tulsa, Okla.
R. A. Koons, Traf. Mgr. .....Tulsa, Okla.

1275—Barnsdall Refineries, Inc. 521
P. O. Box 2091, Tulsa, Okla.
R. E. Stewart, Traf. Mgr. .....Tulsa, Okla.

1276—Barrett Co., The 1328
40 Rector St., New York, N. Y.
J. L. Roberts, Traf. Mgr. . New York, N. Y.
H. E. Gerhart, Supt. Tank Car Dept. "

1277—Barton Mfg. Co. 4
Waco, Tex.
E. C. Giesler, Traf. Mgr. .....Waco, Tex.

1278—Beacon Oil Co. 296
111 Devonshire St., Boston, Mass.
H. M. Waybright, Traf. Mgr. . Boston, Mass.

1279—Beaver-Electra Refining & Tank Line Co. 150
P. O. Box 98, Electra, Tex.

1280—Beaver Refining Co. 1
Washington, Pa.

1280a—Bell Oil & Gas Co. 38
P. O. Box 1893. Tulsa, Okla.
C. E. Cadieux, Traf. Mgr. .....Tulsa, Okla.

1281—Bellby Natural Gasoline Co. 20
Mid-Continent Bldg., Tulsa, Okla.
S. B. Griffith, Traf. Mgr. .....Tulsa, Okla.

1282—Berry's Sons Co., Jas. B. 9
Oil City, Pa.
G. W. Ebert, Traf. Mgr. .....Oil City, Pa.

1283—Bertha-Consumers Co. 420
1203 Chamber of Commerce Bldg. . Pittsburgh, Pa.
F. D. Jones, Traf. Mgr. .....Pittsburgh, Pa.

1284—Berwind-White Coal Mining Co., The . 3042
Commercial Trust Bldg., Philadelphia, Pa.
J. H. Martin, Supt. Car Serv. Philadelphia, Pa.

1285—Bethlehem Steel Co. 3989
Bethlehem Steel Bridge Corp.,
Bethlehem Mines Corp.,
Bethlehem, Pa.
J. M. Gross, Gen. Traf. Mgr. Bethlehem, Pa.

1286—

1287—Bisbee Linseed Co. 22
660 Drexel Bldg., Philadelphia, Pa.
E. B. Warner, Treas. .....Philadelphia, Pa.

1288—Blaw-Knox Co. 6
P. O. Box 915, Pittsburgh, Pa.
A. G. Reiber, Traf. Mgr. . . . Pittsburgh, Pa.

1288a—Blayney-Murphy Co. 6
Union Stock Yards, Denver, Col.
W. O. Richardson, Traf. Mgr. . Denver, Col.

Electric Transfer Tables
Electric Turntable Tractors

100 RAILROADS USE OUR TRACTORS

GEO. P. NICHOLS & BRO.

2139 FULTON STREET -:- CHICAGO.

Ohio LIFTING MAGNETS

are indestructible

All insulation is Asbestos. They have maximum lifting capacity. Outer ring has no thru holes; it will not loosen, wear out or break.

The Ohio Electric & Controller Co.
Cleveland, Ohio

FOR LIFTING MAGNETS, CONTROLLERS, BRAKES, ETC.

CONSULT

The Electric Controller & Mfg. Co.

CLEVELAND, OHIO

DETROIT SEAMLESS STEEL TUBES CO.

LOCOMOTIVE FLUES
ARCH PIPE SAFE ENDS
MECHANICAL TUBING

General Offices and Works
DETROIT, MICH.

Sales Offices—NEW YORK CHICAGO CLEVELAND CINCINNATI

CARS

1289—Bodenheimer Molasses Co..... 15
Sugar Exchange Bldg., New Orleans, La.

1290—Bogalusa Turpentine Co..... 8
Bogalusa, La.
W. C. Flanders, Traf. Mgr....Bogalusa, La.

1291—Bolene Refining Co..... 267
Box 908, Enid, Okla.
E. B. Sinclair, Traf. Mgr.....Enid, Okla.

1291a—Bona Allen, Inc.. 4
Buford, Ga.
H. W. Strickland, Traf. Mgr...Buford, Ga.

1292—Boner, H. E..... 95
P. O. Box 1286, Wichita Falls, Tex.
T. J. Ahern, Traf. Mgr. Wichita Falls, Tex.

1292a-Bordens Farm Products Co. of Illinois 20
326 W. Madison St., Chicago, Ill.

1292b—Bower Chemical Mfg. Co., Henry.... 11
2815 Grays Ferry Rd., Philadelphia, Pa.
W.D. Bidgood. Traf. Mgr..Philadelphia, Pa.

1293-Bowman Dairy Co..... 12
140 West Ontario St., Chicago, Ill.
G. J. De Foe, Traf. Mgr .....Chicago, Ill.

1294—Boyer, Kienle Co., Inc..... 2
136 Liberty St., New York, N. Y.
B. Meudt, Traf. Mgr.....Singac, N. J.

1295—Bradford Gasoline Co..... 35
15-17 Kennedy St., Bradford, Pa.
H. E. Double, Traf. Mgr.....Bradford, Pa.

1296—Bradford Oil Refining Co..... 15
Bradford, Pa.
D. R. Hennessy, Act. Traf. Mgr. Bradford, Pa.

1297—Brandram-Henderson, Ltd..... 5
Medicine Hat, Alberta, Can.
W. A. Church, Traf. Mgr.. { Medicine Hat, Alberta, Can.

1298—Brewerton Coal Co.. 12
Lincoln, Ill.
E. L. Carr, Traf Mgr.....Lincoln, Ill.

1299—British American Oil Co., Ltd., The.. 184
1305 Royal Bk. Bldg., Toronto, Ont.
R. Winfield, Traf. Mgr.....Toronto, Ont.

1300—Brocton Elevator Co..... 26
Brocton, Ill.

1301—

1302—Brown Co..... 632
Berlin, N. H.
D. W. Linton, Traf. Mgr.....Berlin, N. H.

1303—Brown Process Co..... 10
1205 Hibernian Bldg., Los Angeles, Cal.

1304—Broxham Dairy Co..... 2
7301 Harrison St., Forest Park, Ill.

1305—Buick Motor Co..... 23
Flint, Mich.
G. C. Conn, Dir. Traf.....Flint, Mich.

1306—Butler County Oil Refining Co..... 87
Bruin, Pa.
M. Stillwagon, Traf. Mgr.....Bruin, Pa.

1307—Butler Oil Sales Co..... 7
Bruin, Pa.
M. Stillwagon, Traf. Mgr..... .Bruin, Pa.

1308—

1309—Byers Co., A. M..... 98
235 Water St. Pittsburgh, Pa.
H. A. Cochran, Traf. Mgr...Pittsburgh, Pa.

1310—

1311—Cabot Inc., Samuel..... 17
141 Milk St., Boston. Mass.
G. Kieckebusch, Traf. Mgr...Boston, Mass.

CARS

1312—Caddo Central Oil & Refining Corp.... 608
P. O. Box 81, Shreveport, La.
J. D. Fields, Traf. Mgr.....Shreveport, La.

1313—Calco Chemical Co., The..... 7
Bound Brook, N. J.
C.B.Bruce, Gen.Supt....Bound Brook, N. J.

1314—

1315—California Dispatch Line. 103
216 Pine St.. San Francisco, Cal.
V.C. Sheehan, Traf. Mgr. San Francisco, Cal.

1316—California Petroleum Exchange..... . 15
110 West 11th St., Los Angeles, Cal.

1317—Callahan & Co., A. P..... 17
2407 So. La Salle St., Chicago, Ill.
E. E. Pierce, Sec. & Treas.....Chicago, Ill.

1318—Calumet & Arizona Mining Co., The.. 3
Warren, Ariz.

1319—1320—

1321—Canada Starch Co., Ltd., The..... 3
Cardinal, Ont.
J. H. Hunter, Gen. Supt.,
164 St. James St., Montreal, Que.

1322—Canadian Explosives Ltd..... 4
Montreal, Que.
F. T. Parker, Traf. Mgr....Montreal, Que.

1323—Canadian Salt Co., Ltd..... 40
Windsor, Ont.
G. M. Duck, Gen. Mgr.....Windsor, Ont.

1324—Canfield Refining Co..... 36
Yale, Okla.
T. R. Canfield, Traf. Mgr.....Yale, Okla.

1325—Canfield Tank Line Co..... 120
3216 E. 55th St., Cleveland, O.
J. T. Mullaney, Traf. Mgr...Cleveland, O.

1326—Capitol Refining Co.... 85
745 William St., Buffalo, N. Y.
C. G. Redlick, Traf. Mgr.....Buffalo, N.Y.

1326a-Carbide & Carbon Chemicals Corp.... 6
30 E. 42nd St., New York, N. Y.
H. Thompson, Traf. Mgr..New York, N. Y.

1327—Carnegie Steel Co..... . 2418
Carnegie Bldg., Pittsburgh, Pa.
L. C. Bihler, Traf. Mgr.....Pittsburgh, Pa.

1328—Carson Petroleum Co..... 10
208 So. La Salle St., Chicago, Ill.
C. B. Clarke, Traf. Mgr.....Chicago, Ill.

1329—Carstens Packing Co..... 4
Tacoma, Wash.

1330—Cedar Rapids Refrigerator Line..... 196
Cedar Rapids, Ia.
E.T. Hitchcock. Traf. Mgr. Cedar Rapids, Ia.

1331—Central Chemical Co..... 23
4200 So. Marshfield Ave., Chicago, Ill.
A. J. Turnquest, Supt. Car Serv..Chicago, Ill.

1332—1333—

1334—Central Florida Lumber Co..... 2
Eastport, Fla.
E. W. Scherer, Traf. Mgr....Eastport, Fla.

1335—

1336—Central Tube Co..... 50
1801 1st Nat. Bank Bldg., Pittsburgh, Pa.
J. W. Mathews, Traf. Mgr...Pittsburgh, Pa.

1337—Certain-teed Products Corp..... 30
100 E. 42nd St., New York, N. Y.
O. Van Brunt. Gen. Traf. Mgr. New York, N.Y.

1338—Chalmette Petroleum Corp..... 9
1320 Union Indemnity Bldg..New Orleans, La.
G. P. Gillette. Traf. Mgr...New Orleans, La.

1339—Champion Fibre Co., The..... 67
Canton, N. C.
H. T. Ratliffe, Traf. Mgr.....Hamilton, O.

THE IMPERIAL CAR CLEANER.

Car Cleaner — Glaze for Pantasote
Re-Dye for Plush — Varnish Renovator

Send for Circular

WILSON-IMPERIAL CO.

115 Chestnut Street - NEWARK, N. J.

W. R. CONARD

1102 High Street, BURLINGTON, N. J.

Inspections and Physical Tests of Materials

IN IRON, STEEL, BRASS, ETC.

SPECIALTY: { Water-Works Supplies, Pipe, Specials, Valves, Pumping Machinery, etc.

THE E. A. KINSEY COMPANY

Incorporated 1897

MACHINERY and SUPPLIES

For Railways, Mills, Machinists, Mines, Contractors, etc.

331 & 333 West Fourth Street, CINCINNATI.

BROWNING

LOCOMOTIVE CRANES AND BUCKETS

The Browning Crane Company

16226 Waterloo Rd., Cleveland, O.

CARS

1340—Champlain Realty Co. 182
100 E. 42nd St., New York, N. Y.
A. H. Campbell, Traf. Mgr. New York, N.Y.

1341—Champlin Tank Car Co. 703
Enid, Okla.
E. L. Benedict, Traf. Mgr. ..... Enid, Okla.

1342—1343—1344—

1345—Chestnut & Smith Corp. 531
P. O. Box 2003, Tulsa, Okla.
F. E. Burke, Traf. Mgr. ..... Tulsa, Okla.

1346—Chicago, New York & Boston Refrigerator Co. ....
NATIONAL DESPATCH REFRIGERATOR LINE.
NEW YORK DESPATCH REFRIGERATOR LINE.
C. R. Cooper, Pres. & Gen. Mgr., Chicago, Ill.
166 W. Jackson Blvd., Chicago, Ill.

1347—Chicago Tank Car Co. 9
80 E. Jackson Blvd., Chicago, Ill.

1348—Chickasaw Refining Co. 200
Ardmore, Okla.

1349—Chipman Chemical Engineering Co., Inc. 11
Bound Brook, N. J.
E. C. McClintic, Traf. Mgr. Bound Brook, N.J.

1350—Cincinnati Refrigerator Express, The 160
4834 So. Hoyne Ave., Chicago, Ill.
H. Steele, Mgr. ..... Chicago, Ill.

1350a—Cities Service Oil Co. of Ohio 4
1235 Marquette Rd., Cleveland, O.
F. W. Siefert, Traf. Mgr. ..... Cleveland, O.

1351—Cities Service Refining Co. 257
209 Washington St., Boston, Mass.
W. A. Hamel, Traf. Mgr. ..... Boston, Mass.

1352—Clapp Ammonia Co., B. P. 10
27th & K Sts., N. W., Washington, D. C.
J. E. Gray, Traf. Mgr. . Washington, D. C.

1353—Clapp, Riley & Hall Equipment Co. .. 238
14 No. Clinton St., Chicago, Ill.
H. E. Scott, Asst. Sec. ..... Chicago, Ill.

1354—Clarendon Gasoline Co. 3
15-17 Kennedy St., Bradford, Pa.
H. E. Double, Traf. Mgr. ..... Bradford, Pa.

1355—Clark, H. E. 14
P. O. Box 781, Tulsa, Okla.
P. P. McKirahan, Traf. Mgr. . . Tulsa, Okla.

1356—Clarkson Coal Mining Co. 500
603 Rockefeller Bldg., Cleveland, O.
F. H. Bohecker, Traf. Mgr. . . Cleveland, O.

1357—Cleveland-Cliffs Iron Co., The 65
Marquette, Mich.
H. Koeppe, Traf. Rep. ..... Cleveland, O.

1358—Cleveland Provision Car Co. 40
2527 Canal Road, Cleveland, O.
G. S. Aussem, Traf. Mgr. ..... Cleveland, O.

1359—

1360—Coleman-Nelson Corp. 7
405 So. Cheyenne St., Tulsa, Okla.

1361—Colorado Fuel & Iron Co., The 4
P. O. Box 1920, Denver, Col.
W. Wire, Traf. Mgr. ..... Denver, Col.

1362—Columbia Naval Stores Co. of Delaware 44
P. O. Box 1555, Savannah, Ga.
J. W. Morgan, Traf. Mgr. . . Savannah, Ga.

1363—Columbia Steel & Shafting Co. 10
P. O. Box 1595, Pittsburgh, Pa.

1364—Columbia Sugar Co. 10
Bay City, Mich.
V. H. Bergstrom, Traf. Mgr. Bay City, Mich.

CARS

1365—Columbus Rendering Co. ....
P. O. Box 166, Columbus, O.

1366—Commercial Car Line 343
208 So. La Salle St., Chicago, Ill.
M. G. Snyder, Traf. Mgr. ..... Chicago, Ill.

1367—Commercial Solvents Corp. 40
Terre Haute, Ind.
J. M. Petrie, Traf. Mgr . . Terre Haute, Ind.

1368—Conewango Refining Co., The 167
Warren, Pa.
D. C. Hughes, Traf. Mgr. ..... Warren, Pa.

1369—Conley Tank Car Co. 1305
Oliver Bldg., Pittsburgh, Pa.
W. J. Stebler, Traf. Mgr. . . . . Pittsburgh, Pa.

1370—Conover, E. B. 4
Springfield, Ill.

1370a—Consolidated Dressed Beef Co. 2
Abattoir Stock Yards, Philadelphia, Pa.

1371—Consolidated Rendering Co. 9
40 No. Market St., Boston, Mass.
A. M. Howland, Traf. Mgr. . Boston, Mass.

1372—Constant Refining Co. 859
Tulsa, Okla.

1373—Consumers' Gas Co. of Toronto 12
Toronto, Ont.

1374—Contact Process Co. 27
351 Abbott Rd., Buffalo, N. Y.

1374a—Continental Oil Co. 986
Denver, Col.
P. R. Naylor, Gen. Traf. Mgr. . Denver, Col.

1375—Continental Refining Co. 70
Oil City, Pa.
A. F. Anderson, Pres. ..... Oil City, Pa.

1375a—Continental Roofing & Manufacturing Co. 5
16th St. & 2nd Ave., Baltimore, Md.
C. F. Downer, Traf. Mgr. . . . Baltimore, Md.

1376—Continental Sugar Co., The 8
1704 Jefferson Ave., Toledo, O.
J. F. Thompson, Traf. Mgr. ..... Toledo, O.

1377—Continental Tank Car Co. 363
P. O. Box 781, Tulsa, Okla.
P. P. McKirahan, Gen. Mgr. . . Tulsa, Okla.

1378—Cook & Swan Co., Inc. 13
148 Front St., New York, N. Y.
W. C. Doscher, Traf. Mgr. . New York, N.Y.

1379—Coopers Creek Chemical Co. 12
West Conshohocken, Pa.
P. L. McNulty, Traf. Mgr. W. Conshohocken, Pa

1380—Cosden & Co. 2190
Tulsa, Okla.
H. W. Roe, Traf. Mgr. . . . . Tulsa, Okla.

1381—Country Club Coal Co 18
1308 Keystone Bldg., Pittsburgh, Pa.
A. H. C. Bixby, Traf. Mgr. . Pittsburgh, Pa.

1382—Craig Oil Co. 153
Toledo, O.
J. F. Minke, V.-Pres. & Gen. Mgr. . Toledo, O.

1383—Crew Levick Co. 256
219 No. Broad St., Philadelphia, Pa.
H. P. Ross, Traf. Mgr. . . . Philadelphia, Pa.

1384—Crichton Pine Products Co. 1
Crichton, Ala.

1385—Crown Central Petroleum Corp. 261
Binz Bldg., Houston, Tex.
F. C. Clark, Traf. Mgr. ..... Houston, Tex.

1386—Crucible Steel Co. of America 14
17 E. 42nd St., New York, N. Y
H. H. Pratt, Gen. Traf. Mgr. . New York, N.Y.

1387—Crystal Car Line 5
200 E. Illinois St., Chicago, Ill.
I. M. Peters, Sec. & Supt. ..... Chicago, Ill.

PEERLESS High Speed Metal Sawing Machines
PEERLESS Universal Shaping Saw
Capacity 6"x6"—9"x9"—13"x13"
PEERLESS High Speed Metal Saw
Capacity 6"x6—9"x9"—13"x16"
PEERLESS U. S. A. Power Blades
PEERLESS Duplex Hand Blades
Peerless Machine Co. - 1218 16th St., Racine, Wis.

VIRGINIA
Compound Compensating
DUST GUARDS
The Lacey Williams Co.
Successors to VIRGINIA EQUIPMENT CO.
Hanna Building - - Cleveland, Ohio

MAINTENANCE EQUIPMENT CO.
FORMERLY
THE MADDEN COMPANY
LABOR SAVING TRACK DEVICES
THREE MEN RAIL LAYER
RICHTER BLUE FLAG DERAIL
BREYLEY FRICTION CAR STOP
"RED TOP" STEEL FENCE POSTS
BLAIR TIE SPACER
POWER BALLAST SCREEN
WAGNER SWITCH POINT STRAIGHTENER
RAILWAY EXCHANGE, CHICAGO, ILL.

BRAKE BEAMS
DAMASCUS BRAKE BEAM CO.
CLEVELAND, OHIO.

CARS

388—Crystal Chemical Corp 19
Summitville, Ind.
J. G. Long, Traf. Mgr....Summitville, Ind.

388a—Crystal Oil Works 32
Oil City, Pa.
J. A. Fawcett, Traf. Mgr.....Oil City, Pa.

389—Crystal Petroleum & Refining Co 15
Burkburnett, Tex.
E. E. Stewart, Traf. Mgr. Burkburnett, Tex.

390—Cudahy Refrigerator Line & Cudahy Oil Tank Line 1695
111 W. Monroe St., Chicago, Ill.
J. W. Robb, Gen. Mgr.....Chicago, Ill.

391—Cuero Cotton Oil & Mfg. Co 1
Cuero, Tex.

392—Cushing Refining & Gasoline Co 102
P. O. Box 728, Cushing, Okla.
R. H. Winget, Gen. Mgr....Cushing, Okla.

392a—Dairy Shippers Despatch ....
4834 So. Hoyne Ave., Chicago, Ill.
H. Steele, Mgr.....Chicago, Ill.

393—Dallas Oil & Refining Co 17
3131 Oak Lane, Dallas, Tex.
J. S. LeClercq, Pres.....Dallas, Tex.

394— .....

395—Darling & Co 35
4201 So. Ashland Ave., Chicago, Ill.
B. E. Sanders, Traf. Mgr.....Chicago, Ill.

396—Davies Co., Inc., Wm 4
4101 So. Union Ave., Chicago, Ill.
G. W. Whitting, Traf. Mgr....Chicago, Ill.

397—Davison Chemical Co., The 35
1100 Garrett Bldg., Baltimore, Md.
F. G. Moore, Traf. Mgr.....Baltimore, Md.

398—Decker & Sons, Jacob E 144
Mason City, Ia.

399—Deepwater Oil Refineries 150
First Nat. Bank Bldg., Houston, Tex.
J. W. Painter, Traf. Mgr....Houston, Tex.

400—Delta Chemical & Iron Co 1
Wells, Delta Co., Mich.
J. G. Kenneally, Traf. Mgr { Wells, Delta Co., Mich.

400a—Derby Oil Co., The 158
353 No. Lawrence Ave., Wichita, Kan.
H. G. Watts, Traf. Mgr.....Wichita, Kan.

401—Des Moines Gas Co .....
551-555 W. 7th St., Des Moines, Ia.
H. R. Sterrett, Mgr.....Des Moines, Ia.

401a—De Soto Gasoline Co 8
P. O. Box 1791, Houston, Tex.
P. B. Flynn, V.-Pres. & Gen. Mgr.....Mounds, Okla.

402—Dewey Portland Cement Co 8
Kansas City, Mo.
R. W. Moore, Traf. Mgr..Kansas City, Mo.

402a—Diamond Alkali Co 20
511 Wood St., Pittsburgh, Pa.
J. H. Wilharm, Traf. Mgr., Pittsburgh, Pa.

403—Diamond Gasoline Co., The 40
1006 Coca Cola Bldg., Kansas City, Mo.
L. C. Hickox, Traf. Mgr...Kansas City, Mo.

404—Dold Packing Co., Jacob 380
Buffalo, N. Y.
C. G. Redlick, Traf. Mgr. { 745 William St., Buffalo, N. Y.

404a—Dominion Sugar Co., Ltd., The 5
Chatham, Ont.
S. Carrick, Traf. Mgr.....Chatham, Ont.

404b—Dominion Tar & Chemical Co., Ltd ... 14
430 Canada Cement Bldg, Montreal, Que.
A. O. Ponder Traf. Mgr.....Montreal, Que.

CARS

1405—Donner Hanna Coke Corp 612
Box 197, Buffalo, N. Y.
W. B. Faulkner, Traf. Rep...Buffalo, N. Y.

1405a—Dow Chemical Co., The 49
Midland, Mich.
H. D. Anderson, Traf. Mgr..Midland, Mich.

1406—Dunbar Molasses Co., Inc 74
New Orleans, La.
B. Benedict, Traf. Mgr....New Orleans, La.

1406a—du Pont de Nemours & Co., E. I 132
Wilmington, Del.
H. J. Taggart, Traf. Mgr..Wilmington, Del.

1407—Eagle Gasoline Co 41
929 Kennedy Bldg., Tulsa, Okla.
W. Z. Savage, Traf. Mgr.....Tulsa, Okla.

1407a—Eastern Live Stock Express Co 85
527 W. 36th St., New York, N. Y.
B. M. Bryan, Traf. Mgr...New York, N. Y.

1408—Eastern Manufacturing Co 6
So. Brewer, Me

1409—Eastman Car Co 2440
Portland, Me.
H. T. Graffam, Gen. Mgr....Portland, Me.

1410—East Side Packing Co 166
East St. Louis, Ill.
J. J. Hoban, Traf. Mgr. { 2d & Lynch Ave., East St. Louis, Ill.

1410a—East Tennessee Packing Co 7
Knoxville, Tenn.
F. J. King, Traf. Mgr.....Knoxville, Tenn.

1411—El Dorado Refining Co., The 285
El Dorado, Kan.
R. E. Fisher, Traf. Mgr....El Dorado, Kan.

1412—Electric Smelting & Aluminum Co ... 2
Lockport, N. Y.
W. H. Kimball, Traf. Mgr..Lockport, N. Y.

1412a—Electro Bleaching Gas Co 37
Niagara Falls, N. Y.
J. J. Hailey, Traf. Mgr..Niagara Falls, N. Y.

1413—Elk Refining Co 110
Box 853, Charleston, W. Va.
C. V. Harner, Traf. Mgr...Charleston, W. Va.

1414—Elliott Jones & Co., Inc 199
Drawer 1132, San Antonio, Tex.
C. Abbott, Traf. Mgr....San Antonio, Tex.

1414a—Elm Oil Co 2
P. O. Box 1693, Tulsa, Okla.
J. L. Goddard, Traf. Mgr.....Tulsa, Okla.

1414b—Emery Manufacturing Co 131
43 Main St., Bradford, Pa.
A. E. Guy, Traf. Mgr.....Bradford, Pa.

1415—Emlenton Refining Co 62
Emlenton, Pa.
J. T. Brosnahan, Traf. Mgr...Emlenton, Pa.

1415a—Emmart Packing Co., Inc 13
1200 Story Ave., Louisville, Ky.
V. C. Hilton, Traf. Mgr.....Louisville, Ky.

1415b—Empire Oil Works 82
P. O. Box 56, Oil City, Pa.
L. R. Cavanaugh, Traf. Mgr...Oil City, Pa.

1416—Empire Refineries, Inc 2260
Controlling and operating:
PRODUCERS REFINERY, GAINESVILLE, TEX.
Tulsa, Okla.
A. C. Holmes, Traf. Mgr.....Tulsa, Okla.

1416a—Empire Size & Chemical Co 4
Albany, N. Y.
W. J. Bolender, Traf. Mgr. Kalamazoo, Mich.

1416b—England, Walton & Co., Inc 30
(Chilhowee Extract Plant.)
Newport, Tenn.

THE MARION MALLEABLE IRON WORKS
MARION, INDIANA
SPECIALISTS IN THE MANUFACTURE OF CERTIFIED MALLEABLE IRON CASTINGS FOR RAILROAD AND ALLIED INDUSTRIES.

UNION STEEL CASTING COMPANY
PITTSBURGH, PA.
ENGINE FRAMES, WHEEL CENTERS and MISCELLANEOUS LOCOMOTIVE CASTINGS
OF BOTH
VANADIUM and CARBON STEEL

M. B. SUYDAM COMPANY
ESTABLISHED 1832
PAINT AND VARNISH MANUFACTURERS
PITTSBURGH, PENNA.

THE ALDON COMPANY
Aldon Car Replacers
Rail Benders
Track Drills
Aldon Rail Saw
Car Movers
Track Gauges
3338 RAVENSWOOD AVE. -:- CHICAGO, ILL.

CARS

1417—Eureka Springs Water Co. 4
Ozarka Water Company ....
Eureka Springs, Ark.
R.R.Thompson,Traf. Mgr. Eureka Spgs.,Ark.

1417a—Evans Milling Co 1
Indianapolis, Ind.
J.H.Evans,Traf.Mgr.P.O.Box 424,Indianapolis,Ind.

1417b—Evansville Packing Co..... 25
Evansville, Ind.
E. W. Skipworth, Traf. { 608 So. Dearborn St.,
Mgr..... { Chicago, Ill.

1417c—Everett Distilling Co..... 10
20 E. Elm St., Everett, Mass.
F. H. Mahony, Traf.Mgr....Everett, Mass.

1418—Falling Rock Cannel Coal Co..... 18
Charleston, W. Va.
W. M. Scott, Traf. Mgr.Charleston, W. Va.

1418a—Farmers Fertilizer Co., The..... 20
411 Clinton Bldg., Columbus, O.
L. E. Elwood, Pres.....Columbus, O.

1419—Federal Phosphorus Co..... 1
Anniston, Ala.

1420—Federal Tank Line..... 741
Farmers Bank Bldg., Pittsburgh, Pa.
T. D. Fox, Traf. Mgr.....Pittsburgh, Pa.

1420a—Fels & Co..... 6
73rd St. & Woodland Ave., Philadelphia, Pa.

1421—

1422—Finkbine Lumber Co..... 30
Jackson, Miss.
J. Leeman, Traf. Mgr.... ...Jackson, Miss.

1423—Fiske Brothers Refining Co..... 4
24 State St., New York, N. Y.

1423a—Fitzpatrick, M. T..... 1
435 E. 45th St., Chicago, Ill.

1424—Fleischmann Transportation Co., The. 179
699 Washington St., New York, N. Y.
R. R. Luddecke, Gen. Mgr...New York, N.Y.

1425—Ford Motor Co. (Fordson Plant)..... 1617
Dearborn, Mich.
E. H. Schremser, Traf. Dept. Dearborn, Mich.

1426—Forest Products Chemical Co..... 8
P. O. Box 1523, Memphis, Tenn.
M. A. Boisen, Sec.-Treas...Memphis, Tenn.

1426a—Forney Cotton Oil & Ginning Co..... 5
Forney, Tex.
B. B. Hulsey, Mgr..... . Forney, Tex.

1427—Fort Pitt Bridge Works of Pittsburgh, Pa..... 6
Oliver Building, Pittsburgh, Pa.
W. B. Anderson, Traf. Mgr...Pittsburgh, Pa.

1428—Franchot & Co., D. W..... 4
808 So. Cheyenne Ave., Tulsa, Okla.

1428a—Franklin Creek Refining Corp..... 25
Franklin, Pa.
G. H. Kingsley, Traf. Mgr.... Franklin, Pa.

1429—Franklin Quality Refining Co 26
Franklin, Pa.
C. J. Eggbeer, Traf. Mgr.....Franklin, Pa.

1430—Franklin Refinery Tank Car Line.... 17
Franklin, La.
F. E. Robertson, Traf. Mgr....Franklin, La.

1430a—Franklin Tank Line..... 24
200 5th Ave., New York, N. Y.
J. J. Gilroy, Traf. Mgr...New York, N. Y.

1430b—Fredonia Linseed Oil Works Co 6
Fredonia, Kan.

1431—Freedom Oil Works Co., The..... 227
Freedom, Pa.
E. W. Niehaus, Traf. Mgr....Freedom, Pa.

CARS

1431a—Freedom Oil Works Co..... 33
(Vulcan Works.)
Coraopolis, Pa.
E. W. Niehaus, Traf. Mgr....Freedom, Pa.

1431b—Freeport Asphalt Co..... 298
914 Second Nat'l Bk. Bldg., Houston, Tex.
F. X. Pendarvis, Traf. Mgr...Houston, Tex.

1431c—Freeport Sulphur Co..... 50
914 Second Nat'l Bk. Bldg., Houston, Tex.

1432—Frick, H. C., Coke Co..... 1314
Carnegie Bldg., Pittsburgh, Pa.
C. A. Muse, Supt. Ship.....Pittsburgh, Pa.

1432a—Frohman Chemical Co., The..... 17
Sandusky, O.
J. McFadden, Traf. Mgr.....Sandusky, O.

1433—Frontier Mfg. Co..... 22
North Tonawanda, N. Y.
W.G.Peuchen,Gen.Mgr.N.Tonawanda,N.Y.

1433a—Fruit Growers' Express Co.....17745
Munsey Bldg., Washington, D. C.
H. B. Spencer, Pres..... { Washington,
E. J. Roth, Gen. Mgr..... { D.C.
C. P. Cooper, Compt..... "
D. R. McLeod, Sec..... "
R. R. Cooke, Treas..... "
R. G. Shorter, Aud..... "
F. E. Evans, Supt. Car Serv... "
M. H. Brown, Prt. Clm. Agt.. "
E. A. Sweeley, Mech. Supt..Alexandria, Va.
¶ D. R. Elmore, Asst. to Gen. { Washington,
Mgr..... { D. C.

1434—Frye & Co 17
Seattle, Wash.
J. D. Paul, Traf. Mgr.....Seattle, Wash.

1434a—Fuel Supply Co. of Philadelphia..... 375
Broad & Arch Sts., Philadelphia, Pa.
E. Thayer, Pres .....Philadelphia, Pa.
F. D. Walker, Tr. Mgr..... "

1434b—Galena-Signal Oil Co. (of Texas)..... 313
1216 Second Nat'l Bk. Bldg., Houston, Tex.
T. G. Shannon, Traf. Mgr....Houston, Tex.

1435—Gardner Extract Co., Inc..... 21
P. O. Box 232, Waynesboro, Va.
W. H. Gardner, Gen. Mgr. Waynesboro, Va.

1436—Garrett & Co., Inc..... 6
Bush Terminal, Brooklyn, N. Y.
W.F.Hope.V.-Pres.& Treas., Brooklyn, N.Y.

1436a—Gaskill, M. E..... 97
801 Kennedy Bldg., Tulsa, Okla.

1436b—General American Refrigerator Exp. 400
230 So. Clark St., Chicago, Ill.
A. C. Reimer, Gen. Traf. Mgr...Chicago, Ill.

1437—General American Tank Car Corp....11300
General American Car Co.,
230 So. Clark St., Chicago, Ill.
A. C. Reimer, Gen. Traf. Mgr...Chicago, Ill.

1438—General Chemical Co..... ....
Nichols Chemical Co., The..... 42
40 Rector St., New York, N. Y.
J. D. Ross, Traf. Mgr.....New York, N. Y.

1438a—General Electric Co..... 31
Schenectady, N. Y.
M. C. FitzGerald, Gen.
Traf. Mgr..... .Schenectady, N.Y.

1439—General Petroleum Corp..... 125
Higgins Bldg., Los Angeles, Cal.
C. E. Ziegler, Traf. Mgr..Los Angeles, Cal.

1439a—General Refrigerator Line..... ....
140 So. Dearborn St., Chicago, Ill.
P. E. Francis, Pres.....Chicago, Ill.

PENN IRON & STEEL COMPANY
Office and Works: Creighton, Penna.
LEWIS BRANDS OF
SPECIAL STAYBOLT IRON
SPECIAL DRILLED HOLLOW IRON
SPECIAL ENGINE BOLT IRON
ENGINE BOLT IRON
NAVY CHAIN IRON
G. T. LEWIS, Pres. & Gen. Mgr. C. J. NIEMAN, Sec. & Treas.

NUGENT NS STEEL
CASTINGS
THE NUGENT STEEL CASTINGS COMPANY
South Wood and 31st Sts., Chicago

AUTOMATIC VENTILATORS
STEAM COUPLERS, VALVES, TRAPS
PNEUMATIC DOOR OPERATING EQUIPMENT
ELECTRIC CAR HEATERS, THERMOSTATS, SAFETY SWITCHES
CONSOLIDATED CAR-HEATING CO.
ALBANY NEW YORK CHICAGO

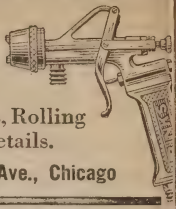
MALLEABLE IRON and STEEL CASTINGS
PRATT & LETCHWORTH COMPANY

LOCOMOTIVE and RAILROAD WORK
GENERAL OFFICE AND WORKS:
BUFFALO, NEW YORK

	Cars
9b—Georgia Pine Turpentine Co. 156 Perry St., New York, N. Y. K. Smith, Traf. Mgr...New York, N. Y.	5
0—Georgia Rosin Products Co. Brunswick, Ga.	10
1—Gilbert, H. J. P. O. Box 377, Savannah, Ga. A. Burch, Traf. Mgr.....Savannah, Ga.	6
1a—Gillespie & Sons, L. C. 6 & 8 Fletcher St., New York, N. Y. E. Meyer, Supvr. Car Equip.....New York, N. Y.	80
2—Gillican-Chipley Co P. O. Box 1470, New Orleans, La. J. Lambert, Traf. { 1424 Whitney Bldg., Mgr. ..... { New Orleans, La.	65
2a—Gilliland Oil Co. P. O. Box 2065, Tulsa, Okla.	100
3—Gilmore Oil Co. 2423 E. 28th St., Los Angeles, Cal. O. Pfeifer, Traf. Mgr..Los Angeles, Cal.	15
3a—Glaser, Crandell Co. 2006 South Western Ave.,Chicago, Ill. D. Glaser, Pres.....Chicago, Ill.	6
4—Globe Cotton Oil Mills 907 E. 3d St., Los Angeles, Cal. A. Whitney, Traf. Mgr...Los Angeles, Cal.	9
4a—Globe Oil & Refining Co., The Blackwell, Okla. R. Walcher, Traf. Mgr..Blackwell, Okla.	200
5—Globe Soap Co., The Walsh Bldg., Cincinnati, O. Van Slyck, Traf. Mgr.....Cincinnati, O.	50
6—Golden Rule Refining Co., The 120 West First St., Wichita, Kan. C. Long, Traf. Mgr.....Wichita, Kan.	52
6a—Goodrich, William O., Co. Milwaukee, Wis. Goodrich, Traf. Mgr...Milwaukee, Wis.	9
7—Goodyear Tire & Rubber Co., The Akron, O. J. Carroll, Traf. Mgr.....Akron, O.	100
7b—Grace, John H. 20 W. Jackson Blvd., Chicago, Ill.	36
7c—Grace & Co., W. R. 332 Pine St., San Francisco, Cal.	95
8d—Grain Belt Mills Co. So. St. Joseph, Mo W. Clark, Traf. Mgr., So. St. Joseph, Mo.	20
8—Grasselli Chemical Co., Ltd. 1300 Guardian Bldg., Cleveland, O. C. Jones, Traf. Mgr.....Cleveland, O.	25
9—Graver Corp. East Chicago, Ind. E. Hoople, Traf. Mgr. East Chicago, Ind.	2
9a—Grayburg Oil Company Maverick Bldg., San Antonio, Tex. T. Goff, Traf. Mgr...San Antonio, Tex.	100
9b—Great Southern Producing & Refining Co. Lock Box 733, Shreveport, La. D. Blanton, Traf. Mgr...Shreveport, La.	25
0—Great Southern Refining Co. Lexington, Ky. R. Smith, Traf. Mgr.....Lexington, Ky.	381
0a—Greenwald Packing Corp. Union Stock Yards, Baltimore, Md.	3
1451—Gulf Refining Co. Frick Bldg. Annex, Pittsburgh, Pa. C. B. Ellis, Gen. Traf. Mgr..Pittsburgh, Pa.	2798
1451a—Gulf States Creosoting Co., The Hattiesburg, Miss. D. Megehee, Traf. Mgr..Hattiesburg, Miss.	15
1451b—Gulf States Steel Co. Birmingham, Ala. H. H. Knight, Traf. Mgr..Birmingham, Ala.	3
1452—Gustafson Co., C. A. 624 So. Michigan Ave., Chicago, Ill. B. M. Johnson, Traf. Mgr.....Chicago, Ill.	57
1452a—Haffner-Thrall Car Co. 140 So. Dearborn St., Chicago, Ill.	105
1453—Hagaman Refining Co. Box 1207, Ranger, Tex. J. H. Howlett, Traf. Mgr.....Ranger, Tex.	20
1453a—Hamlin, Dwight E. 1606 Union Bank Bldg., Pittsburgh, Pa.	5
1454—Harbauer Co., The Toledo, Ohio. T. C. Sterr, { Wall St. & M. C. R. R., Traf. Mgr. { Toledo, O.	5
1454a—Harlis Oil & Gas Co. 239 Lynch Bldg., Tulsa, Okla.	....
1455—Harris Abattoir Co., Ltd., The Toronto, Ont. H. H. Ayer, Traf. Mgr.....Toronto, Ont.	15
1456—Haskins Bros. & Co. Omaha, Neb.	6
1456a—Hately Brothers Co. 1341 W. 37th St., Chicago, Ill. J. C. Riegel, Traf. Mgr.....Chicago, Ill.	7
1457—Hauser Packing Co. Los Angeles, Cal. L. Dennis, Traf. Mgr... .Los Angeles, Cal.	1
1458—Hazel-Atlas Glass Co. Conservative Life Bldg., Wheeling, W.Va. V. L. Garbesi, Traf. Mgr..Wheeling, W.Va.	13
1458a—Headley Good Roads Co. Franklin Trust Co. Bldg., Philadelphia, Pa. M. W. Lefever, Treas.....Philadelphia, Pa.	5
1459—Heald & Co. Inc., John H. Box 741, Lynchburg, Va. J. R. Wyatt, Traf. Mgr....Lynchburg, Va.	60
1459a—Hegeler Zinc Co., The P. O. Box 599, Danville, Ill.	65
1460—Heilbron-Palmer Tank Line Co. Texarkana, Tex. O. A. Ball, Traf. Mgr.....Texarkana, Tex.	5
1460a—Heinz Co., H. J. 1062 Progress St., Pittsburgh, Pa. R. E. Cook, Traf. Mgr.....Pittsburgh, Pa.	106
1461—Henaghan & Hanlon P. O. Box 2003, Tulsa, Okla. F. E. Burke, Traf. Mgr.....Tulsa, Okla.	200
1461a—Henderson Co., The 503 Nat. Bank of Comm. Bldg., Tulsa, Okla. F. C. Hall, Traf. Mgr.....Tulsa, Okla.	56
1461b—Hercules Gasoline Co. 2411 E. 30th St., Los Angeles, Cal. C. Schalitz, Traf. Mgr....Los Angeles, Cal.	10
1462—Hercules Powder Co., Inc. Wilmington, Del. M. W. Sheppard, Traf. Mgr. Wilmington, Del.	103
1463—	
1463a—Highland Iron & Steel Co., The Terre Haute, Ind. J. C. Fox, Traf. Mgr.....Terre Haute, Ind.	20

SAVE 80% LABOR COST

BINKS SPRAY PAINTING EQUIPMENT



Lowers Maintenance Costs for Buildings, Rolling Stock, Equipment. Write for Details.

BINKS SPRAY EQUIPMENT CO., 3123 Carroll Ave., Chicago

AQUART'S EUREKA COMPOUND

THE BEST INTERIOR CAR CLEANER—IT HAS NO EQUAL

AQUART'S EXTERIOR CAR CLEANER

JUST WHAT YOU WANT FOR TERMINAL CLEANING

Samples and Prices on Request

The Aquart Manufacturing Co.

Chemical Building : : : : St. Louis, Mo.

SHEET METAL WORKING MACHINERY
TINSMITHS' TOOLS AND MACHINES

Write for PEXTO Guide No. 25-A describing the complete line.

THE PECK, STOW & WILCOX CO.

SOUTHNGITON, CONN.

CARS

1464—Highway Oil Refining Corp. 26
Rotary Gasoline Co.
P. O. Box 2043, Tulsa, Okla.
R. O. Wikoff, Traf. Mgr.....Tulsa, Okla.

1465—Holcombe & Sons. 3
107 E. Hanover St., Trenton, N. J.
W. B. Holcombe, Traf. Mgr..Trenton, N. J.

1465a—Home Oil Refining Co. of Texas... 50
Ft. Worth, Tex.

1466—Hooker Electrochemical Co. 59
Niagara Falls, N. Y.
C.G.Rickert, Traf. Mgr.Niagara Falls, N.Y.

1466a—Hope Natural Gas Co. 18
P. O. Box 1758, Pittsburgh, Pa.
J. J. Grady, Traf. Mgr.....Pittsburgh, Pa.

1467—T. B. Hord Alfalfa Meal Co. 1
Central City, Neb.

1467a—Hormel & Co., Geo. A. 133
Austin, Minn.
C. D. Hunt, Traf. Mgr.....Austin, Minn.

1468—Houston Packing Co. 25
Houston, Tex.
J. A. Hunter, Traf. Mgr.....Houston, Tex.

1468a—Houston Terminal Refining Co. 17
601-606 Chronicle Bldg., Houston, Tex.
W. F. Riddle, Traf. Mgr.....Houston, Tex.

1468b—Howard, Oscar R. 50
P. O. Drawer 1683, Tulsa, Okla.
W. G. Kirschke, Traf. Mgr....Tulsa, Okla.

1468c—Huasteca Petroleum Co. 123
944 St. Charles Ave., New Orleans, La.
J. S. Wood, Traf. Mfg....New Orleans, La.

1469—Huber Co., Inc., J. M. (of La.)..... . 5
Swartz, La.
H. S. Herold, Traf. Mgr.....Swartz, La.

1469a—Humble Oil & Refining Co. 320
Humble Bldg., Houston, Tex.
J. R. Davis, Traf. Mgr.....Houston, Tex.

1470—Hurley Gasoline Co. 90
Box 956, Tulsa, Okla.
M. S. Patton, Traf. Mgr.....Tulsa, Okla.

1471—Hyman Pickle Co. 4
244 Pearl St., Louisville, Ky.
E. H. West, Traf. Mgr.....Louisville, Ky.

1472—Illinois Oil Co. 219
Illinois Oil Bldg., Rock Island, Ill.
W. D. McLeod, Traf. Mgr..Rock Island, Ill.

1472a—Illinois River Packet Co. 5
42 Board of Trade, Peoria, Ill.
R. S. Turner, Pres.....Peoria, Ill.

1473—Illinois Steel Co. Tank Line..... 87
208 So. La Salle St., Chicago, Ill.
F. T. Bentley, Traf. Mgr.....Chicago, Ill.

1473a—Illinois Tank Line..... 40
53 W. Jackson Blvd., Chicago, Ill.
H. Ahner, Traf. Mgr.....Chicago, Ill.

1473b—Illinois Zinc Co. 50
Peru, Ill.
W. F. Munk, Traf. { 332 So. Michigan Ave., Chicago, Ill.
Mgr.....

1474—Imperial Oil Limited..... 1605
56 Church St., Toronto, Ont.
C. H. Lown, Traf. Mgr.....Toronto, Ont.

1474a—Imperial Refining Co. 447
P. O. Box 2011, Tulsa, Okla.
C. L. Seideman, Traf. Mgr.....Tulsa, Okla.

CARS

1475—Impervious Varnish Co. 4
421 Wood St., Pittsburgh, Pa.

1475a—Independent Oil & Gas Co. 110
Tulsa, Okla.
S. B. Myers, Traf. Mgr.....Tulsa, Okla.

1475b—Independent Refining Co. 95
Oil City, Pa.
T. E. McLaughlin, Traf. Mgr. Oil City, Pa

1476—Independent Refrigerator Car Co..... 94
U. S. Yards, Chicago, Ill.
M. E. Gleason, Traf. { 41st & Halsted Sts., Chicago, Ill.
Mgr.....

1477—Indianapolis Abattoir Corp. 92
Indianapolis, Ind.

1478—Indian Refining Co., Inc. 1825
Lawrenceville, Ill.
C. A. Porter, Traf. Mgr..Lawrenceville, Ill.

1478a—Industrial Chemical Co.... 1
200 Fifth Ave., New York, N.Y.
R. D. Burns, Traf. Mgr...New York, N. Y.

1479—Inland Refining Co. 96
406 Cosden Bldg., Tulsa, Okla.
E. F. Blaise, Gen. Mgr.....Tulsa, Okla.

1479a—Inspiration Consolidated Copper Co.. 10
Inspiration, Ariz.
E. H. Lang, Traf. Mgr.. { 25 Broadway, New York, N. Y.

1480—International Agricultural Corp...... 220
Atlanta, Ga.
A. J. Young, Asst. Traf. Mgr..Atlanta, Ga.

1480a—International Oil & Gas Corp...... 20
Room 707, 25 Broadway, New York, N. Y.

1481—International Paper Co. 199
100 E. 42d St., New York, N. Y.
A. H. Campbell, Traf. Mgr.New York, N.Y.

1481a—International Products Corp...... 5
120 Broadway, New York, N. Y.
A. W. MacElveny, V.-Pres.New York, N.Y.

1481b—International Refining Co. 7
San Antonio, Tex.

1482—International Shoe Co. (Burke Extract Plant)..... 5
Morganton, N. C.
1820 Cherokee St., St. Louis, Mo.
G. T. McClure, Traf. Mgr....St. Louis, Mo.

1483—International Transit Co. 20
5505 Glenwood Ave., Chicago, Ill.
E. E. Dore, Sec. & Treas.....Chicago, Ill.

1483a—International Vegetable Oil Co, The.. 25
Savannah, Ga.
A. Monsalvatge, Mgr.....Savannah, Ga.

1484—Inter Ocean Refining Co. 25
Box 1, Riverside, Ill.

1484a—Interstate Cotton Oil Refining Co.... 13
Sherman, Tex.
E. W. Thompson, Traf. Mgr.Sherman, Tex.

1485—Interstate Oil Shippers Line..... 26
1117 New York Life Bldg., Chicago, Ill.

1485a—Interstate Packing Co. 50
Winona, Minn.
C. C. Congdon, Traf. Mgr..Winona, Minn.

1486—Interstate Tank Car Corp. 379
Produce Exchange Bldg., New York, N. Y.
H. P. Friedman, Traf. { Drawer 740, Portsmouth, Va.
Mgr.... ....

Established 1869

FIDELITY

J.M.HAGY W.W

The J. Milton Hagy Waste Works
(Incorporated)

Cotton - WASTE - Wool

Philadelphia

MAHR MFG. COMPANY
MAHRVEL
MINNEAPOLIS U.S.A.

Forges
Torches
Furnaces
Blowers

Oil Burning Products for Fuel Economy in Railroad and Industrial Shops.

Mahr Manufacturing Co.
Minneapolis, U. S. A.

HANLON LOCOMOTIVE SANDER

ALWAYS IN WORKING ORDER.
IS THAT THE KIND YOU NEED?

THE HANLON LOCOMOTIVE SANDER CO.
WINCHESTER, MASS.

Mason Steam Heat Regulators

Mason Regulators

MASON REGULATOR CO.
Boston, Mass.

Used by leading Railroads in all parts of the World.

Write for Catalog No. 62.

8886

CARS

1487—Iowa Park Producing & Refining Co... 75
Iowa Park, Tex.
V. E. Jackson, Gen. Mgr. { 348 Harvey-Snider Bldg., Wichita Falls, Tex.

1488—Island Petroleum Co., The..... 57
714 Bessemer Bldg., Pittsburgh, Pa.
R. J. Bankert, Traf. Mgr...Pittsburgh, Pa.

1488a-Jackson Lumber Co..... 15
Lockhart, Ala.
C. M. Neal, Traf. Mgr .....Lockhart, Ala.

1489—Jap Rose Tank Line..... 20
1232 West North Ave., Chicago, Ill.
D. B. Hobon, Traf. Mgr..... .Chicago, Ill.

1489a-Jarecki Chemical Co..... 6
Cincinnati, O.

1490—Java Coconnut Oil Co., Ltd., of New York..... 60
17 Battery Place, New York, N.Y.
G. O. Strother, Traf. Mgr..New York, N.Y.

1490a-Jennison-Wright Co., The..... 10
2463 Broadway, Toledo, O.
H. B. Pelton, Traf. Mgr.....Toledo, O.

1490b-Jenney Manufacturing Co..... 3
12 India St., Boston, Mass.
W. H. Jenney, Supt..... { 291 W. 1st St., So. Boston, Mass.

1491—Johnson Oil Refining Co..... 336
Cleveland, Okla.
V. C. Goward, Supt. Trans. Cleveland, Okla.

1491a-Jones & Laughlin Steel Corp..... 400
Jones & Laughlin Bldg., Pittsburgh, Pa.
F. A. Ogden, G. F. A.....Pittsburgh, Pa.

1492—Jordan Coal Tar Products Co., Inc.... 2
11 Cliff St., New York, N. Y.
W.E.Jordan,Jr.,Traf.Mgr..Matawan, N.J.

1492a-Kahn's Sons Co., E..... 20
519 Livingston St., Cincinnati, O.
R. L. Treinen, Traf. Mgr.....Cincinnati, O.

1493—Kanotex Refining Co., The..... 273
Arkansas City, Kan.
C. E. Varner, Traf. Mgr., Arkansas City, Kan.

1494—Kansas Chemical Mfg. Co..... 40
The Solvay Process Co., Lessee.
N. D. Chapin, Gen. Traf. Mgr..... { 40 Rector St., New York, N. Y.

1495—

1496—Keen & Woolf Oil Co..... 11
408 Keystone Bldg., Houston, Tex.
L. T. Cooke, Traf. Mgr.....Houston, Tex.

1497—Keery Co., Inc., Thos..... 10
Hancock, N. Y.
G. C. Rees, Traf. Mgr.....Hancock, N. Y.

1497a-Keith Railway Equipment Co..... ....
80 East Jackson Blvd., Chicago, Ill.

1498—Kelloggs & Miller..... 10
Amsterdam, N. Y.

1498a-Kellogg & Sons, Inc., Spencer..... 159
98 Delaware Ave., Buffalo, N. Y.
A. M. Hall, Traf. Mgr.....Buffalo, N. Y.

CARS

1499—Kellogg Products, Inc..... 14
98 Delaware Ave., Buffalo, N. Y.
A. M. Hall, Gen. Traf. Mgr..Buffalo, N. Y.

1499a-Kendall Refining Co..... 61
Bradford, Pa.
G. C. Sergel, Traf. Mgr.....Bradford, Pa.

1500—Keystone Oil & Manufacturing Div... 128
(Central Commercial Co.)
832 So. Michigan Ave., Chicago, Ill.
R. Wennerskold, Traf. Mgr.....Chicago, Ill.

1500a-Kingan Refrigerator Line..... 771
Indianapolis, Ind.
C. E. Mallory, Gen. Supt..Indianapolis, Ind.

1500b-Kingsport Extract Corp..... 5
Kingsport, Tenn.
H. E. Wilson, Traf. Mgr...Kingsport, Tenn.

1501—Koppers Co., The..... 1018
Union Arcade, Pittsburgh, Pa.
S. S. Bruce, Traf. Mgr.....Pittsburgh, Pa.

1502—Krause, Chas. A., Milling Co..... 8
37th & Burnham Sts., Milwaukee, Wis.
K. G. Olson, Traf. Mgr....Milwaukee, Wis.

1503—Labadie Oil Tank Line..... 11
1 Drumm St., San Francisco, Cal.
V. Labadie, Traf. Mgr., San Francisco, Cal.

1504—Laclede Gas Light Co..... 3
Laclede Gas Bldg., St. Louis, Mo.
W.E.McGarry,Mgr.R.R.Dept.St.Louis,Mo.

1505—La Porte Oil & Refining Co..... 40
Carter Bldg., Houston, Tex.
E. M. Winstead, Traf. Mgr..Houston, Tex.

1506—Larkin Co., Inc..... 6
680 Seneca St., Buffalo, N. Y.
J. E. Wilson, Traf. Mgr.....Buffalo, N. Y.

1506a-Larrowe Milling Co., The..... ....
Detroit, Mich.

1507—Laurel Oil & Fertilizer Co..... 2
Laurel, Miss.
R. G. Fuller, Mgr.....Laurel, Miss.

1507a-Lautz Bros. Co..... 6
44 Hanover St., Buffalo, N. Y.

1507b—Lazote Inc..... 22
Wilmington, Del.
H. J. Taggart, Traf. Mgr. Wilmington, Del.

1508—Lemont Refining Co..... 24
Lemont, Ill.

1509—Libby, McNeill & Libby..... 81
Union Stock Yards, Chicago, Ill.
H. A. Laing, Traf. Mgr.....Chicago, Ill.

1510—Lincoln Gas Coal Co..... 100
Washington, Pa.
F.M.Garland,Traf. Mgr., McKees Rocks, Pa.

1511—Lion Oil Refining Co..... 700
624 Finance Bldg., Kansas City, Mo.
W. B. Knight, Traf. Mgr..... { P. O. Box Y, El Dorado, Ark.

1511a-Liquefied Petroleum Gas Co..... 58
Box 1924, Tulsa, Okla.

1512—Liquids Despatch Line..... ....
2500 South Robey St., Chicago, Ill.
R. E. McGrath, Traf. Mgr.....Chicago, Ill.

SARGENT COMPANY

625 W. JACKSON BLVD., CHICAGO

LOEDIGE QUICK ACTING BLOWER VALVES Stop black smoke instantly by better combustion

WATER GLASS PROTECTORS — SAFETY WATER GAUGES

SAFETY GASKETS FOR TUBULAR WATER GLASSES

2-SEAT GAUGE COCKS — WATER COLUMNS COMPLETE

MIDDLETOWN CAR CO.

MIDDLETOWN, PA.

RAILROAD FREIGHT CARS OF ALL KINDS.

CASTINGS, FORGINGS.

Penna. R. R. and Phila. & Reading R. R. Connections

BURDEN IRON

STAYBOLT AND ENGINE BOLT IRON

REFINED IRON FOR CAR REPAIRS

BURDEN IRON RIVETS

"The Iron of Quality"

THE BURDEN IRON COMPANY

RAILROAD AND STEAMSHIP DIVISION

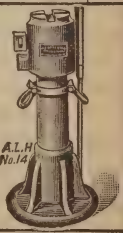
TROY, N. Y. — New York City Office—3711 Grand Central Terminal

Hydraulic and Screw Punches, Hydraulic Jacks, Sectional and Roller Tube Expanders, Boiler Test Pumps, Punches and Dies, Rivet Sets, Special Tool Steel Tools.

Manufactured by

A. L. HENDERER'S SONS

707 Maryland Ave. -:- Wilmington, Del.



CARS

1513—Live Poultry Transit Co., The 2299
431 So. Dearborn St., Chicago, Ill.
W. P. Johnson, Traf. Mgr.....Chicago, Ill.

1514—Lone Star Refining Co 32
Wichita Falls, Tex.
C.V.Millican, Traf.Mgr..Wichita Falls,Tex.

1514a-Long Bell Lumber Co 3
De Ridder, La.

1515—Lorain Steel Co., The 52
Johnstown, Pa.
R. B. Porter, Traf. Mgr.....Johnstown, Pa.

1515a—Louisa Co. of Kentucky, Inc., The 50
1202 So. Third St., Louisville, Ky.
H.J.Flanders, Act.Traf. Mgr.Louisville,Ky.

1515b-Louisiana Gas Products Corp 3
P. O. Box 669, Monroe, La.

1516—Louisiana Oil Refining Corp 814
Box 1117, Shreveport, La.
E. M. Hinkle, Traf. Mgr....Shreveport, La.

1516a-Louisville Gas & Electric Co 25
311 W. Chestnut St., Louisville, Ky.
G. Davies, Pur. Agt.....Louisville, Ky.

1517—Louisville Provision Co., Inc 15
914-930 East Market St., Louisville, Ky.
J. F. Howard, Traf. Mgr.. { Box 2, Louisville, Ky.

1517a-Louisville Tank Line 15
235 East G St., Louisville, Ky.

1518—Lubrite Refining Co 142
3504 Washington Blvd., St. Louis, Mo.
W. M. Powers, Traf. Mgr...St. Louis, Mo.

1518a-Lucinda Refining Co 20
Lucinda, Pa.
C. A. Hefren, Pres.....Lucinda, Pa.

1519—Lutz & Schramm Co 10
1412 River Ave., N. S., Pittsburgh, Pa.

1520—Lyon Lumber Co .....
Garyville, La.
S. M. Bloss, Gen. Mgr.....Garyville, La.

1521—Magnolia Petroleum Co 1057
P. O. Box 1667, Dallas, Tex.
H. E. Spaulding, Traf. Mgr... Dallas, Tex.

1521a-Manhattan Oil Co 228
15 W. 10th St., Kansas City, Mo.
L. D. Sumerwell, Traf. Mgr. { Kansas City, Mo.

1522—Mann Brothers Co., The 10
352 Ohio St., Buffalo, N. Y.
J. J. Mann, Traf. Mgr.....Buffalo, N. Y.

1522a—Marcem Quarries Corp 64
Gate City, Va.
C. W. Kels, Supt.....Gate City, Va.

1522b-Marden-Wild Corp 2
500 Columbia St., Somerville, Mass.
J. E. Williams, Traf.Mgr..Somerville, Mass.

1522c-Marland Tank Line Co 994
Ponca City, Okla.
H. C. Mulroy, Pres.....Ponca City, Okla.

1523—Marshall-Wells Co., Ltd 2
Winnipeg, Man.
W. Wright, Traf. Mgr.....Winnipeg, Man.

1523a-Martin Co., The L. 6
45 E. 42nd St., New York, N. Y.

CARS

1523b-Martin, F. W 15
53 W. Jackson Blvd., Chicago, Ill.
H. Almer, Traf. Mgr.....Chicago, Ill.

1523c-Mason, W. H 1
Laurel, Miss.
C. H. Westphalen, Traf. Mgr. Laurel, Miss.

1524—Mather Collieries 400
2000 Union Trust Bldg., Cleveland, O.

1524a-Mather Stock Car Co 70
326 No. Michigan Ave., Chicago, Ill.
J. M. Watkins, V.-Pres.....Chicago, Ill.

1525—Mathieson Alkali Works, Inc., The ... 160
Niagara Falls, N. Y.—Saltville, Va.
H. M. Mabey, Gen. Traf. { 250 Park Ave., New York, N. Y.

1525a-Mathis Construction Co 15
Grand Rapids, Wis.

1526—Matthiessen & Hegeler Zinc Co 84
La Salle, Ill.
A. J. McKay, Pres.....La Salle, Ill.

1526a-Mayer & Co., Inc., Oscar 25
1241 Sedgwick St., Chicago, Ill.
L. P. Forbes, Traf. Mgr.....Chicago, Ill.

1527—McClintick & Co 20
Tustin, Mich.

1527a-McClintic-Marshall Construction Co .. 14
P. O. Box 1594, Pittsburgh, Pa.
A. M. Hughes, Traf. Mgr. { P. O. Box 1594, Pittsburgh, Pa.

1527b—McKean County Refining Co 75
Bradford, Pa.

1528—McKinney Steel Co., The 500
3100 E. 45th St., Cleveland, O.
T. C. Bresnan, Traf. Mgr. { P. O. Box 678, Cleveland, O.

1528a-McMan Oil & Gas Co 95
P. O. Box 712, Tulsa, Okla.
P. P. McKirahan, Traf. Mgr...Tulsa, Okla.

1529—Mecca Refining Co 35
Wichita, Kan.
G. P. Nissen, Traf. Mgr.....Wichita, Kan.

1530—Menasha Wooden Ware Co 50
Menasha, Wis.
F. A. Daniel, Traf. Mgr.....Menasha, Wis.

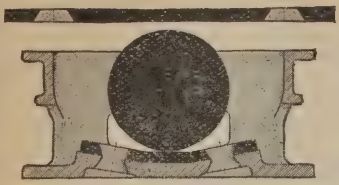
1530a-Merchants & Planters' Oil Co 7
P. O. Box 296, Houston, Tex.
P. T. Beach, Traf. Mgr.....Houston, Tex.

1531—Merchants Despatch, Inc 12561
Eastern Refrigerator Despatch,
Merchants Despatch Refrigerator Line,
Mercantile Bldg., Rochester, N. Y.
H. M. Wigney, Gen. Supt.
Trans.....Rochester, N. Y.

1531a-Merrimac Chemical Co 71
148 State St., Boston, Mass.
A. C. Wyer, Traf. Mgr.....Boston, Mass.

1532—Metal & Thermit Corp 12
Carteret, N. J.
C. E. O'Donnell, Traf. Mgr..Carteret, N. J.

1532a-Mexican Petroleum Corp 1695
944 St. Charles Ave., New Orleans, La.
J. S. Wood, Traf. Mgr....New Orleans, La.



STUCKI
Side Bearings

A. STUCKI CO.
Oliver Bldg.
Pittsburgh - Pa.

BRONZE METAL COMPANY

Owners and Manufacturers of

Vim Metal for Bearings

Manufacturers of BRASS, BRONZE, COMPOSITION CASTINGS and BABBIT METAL. JOURNAL BEARINGS a Specialty.

30 CHURCH STREET - - NEW YORK

LUFKIN Tapes

Accurate—Reliable all ways. Maintaining the highest reputation. Stocked by Supply Houses.
Send for Catalog.

THE LUFKIN RULE CO. SAGINAW, MICH. NEW YORK

CHESTERMAN

Tapes, Rules, Gauges, etc.

The World's Standard for Accuracy and Durability

Wiebusch & Hilger, Ltd.
New York Sole U. S. Agents

CARS

1533—Michigan Alkali Co. 218
Wyandotte, Mich.
W. S. Crowl, Traf. Mgr..Wyandotte, Mich.

1534—Michigan Ammonia Works..... 16
Detroit, Mich.
H. P. Wilson, Traf. Mgr.....Detroit, Mich.

1534a—Michigan Electrochemical Co..... 12
Menominee, Mich.
A. R. White, Traf. Mgr..Menominee, Mich.

1535—Midco Oil Corp..... 25
Midco Bldg., Tulsa, Okla.
W. E. Lyons, Traf. Mgr.....Tulsa, Okla.

1536—Mid-Continent Refining Co..... 75
Petroleum Bldg., Tulsa, Okla.

1536a—Midvale Co..... 15
Nicetown, Philadelphia, Pa.
F. B. Stehlin,
Traf. Mgr...Nicetown, Philadelphia, Pa.

1537—Mid-West Despatch Car Co..... ....
327 So. La Salle St., Chicago, Ill.
M. F. Russell, Pres.....Chicago, Ill.

1538—Miller, A. D. Sons' Co..... 27
Millers' Oil Refining Works,
Columbus & Preble Ave., Pittsburgh, Pa.
O. B. Opsion, Traf. Mgr.....Pittsburgh, Pa.

1538a—Miller Petroleum Co..... 226
P. O. Box 1133, Kansas City, Mo.
Wm. G. Davis, Traf. Mgr. Kansas City, Mo.

1539—Milwaukee Electric Ry. & Light Co., The..... 2
Milwaukee, Wis.
H. G. Monger, Traf Mgr..Milwaukee, Wis.

1539a—Milwaukee Vinegar Co..... 19
79 Buffalo St., Milwaukee, Wis.
T. F. Millane, Traf. Mgr.....Cudahy, Wis.

1540—Mineral Point Zinc Co..... 208
Depue, Ill.
C. H. George, Gen. Traf. } 160 Front St.,
Mgr..... { New York, N. Y.

1540a—Miner-Edgar Co., The. 20
110 William St., New York, N.Y.
H. J. Heffernan, Traf. Mgr. New York, N.Y.

1541—Minnesota Linseed Oil Co..... 6
1101-1129 So. 3d St., Minneapolis, Minn.
W. H. Schaller, Traf. Mgr., Minneapolis, Minn.

1541a—Minnesota Steel Co..... 10
Morgan Park, Duluth, Minn.
J. N. Deller, Traf. Mgr.....Duluth, Minn.

1541b—Misko Refineries, Inc..... 5
Laredo, Tex.
W. T. Killam, Traf. Mgr.....Laredo, Tex.

1541c—Mix Dairy Co., Ira J., The..... 2
361 E. 30th St., Chicago, Ill.

1541d—Monarch Manufacturing Co..... 1
Council Bluffs, Ia.
E. L. Walters, Traf. Mgr..Council Bluffs, Ia.

1541e—Mond Nickel Co., Ltd..... ....
Coniston, Ont.

1542—Monsanto Chemical Works..... 85
St. Louis, Mo.
S. W. Allender, Traf. Mgr....St. Louis, Mo.

1543—Moon Gasoline Co..... 12
P. O. Box 1733, Tulsa, Okla.
A. M. Powers, Traf. Mgr.....Tulsa, Okla.

1544—Morrell Refrigerator Line..... 453
Ottumwa, Ia.
H. W. Davis, Gen. Traf. Mgr..Ottumwa, Ia.

1545-Morrison Co., C. L...... 4
Route B, Box 79, Tallahassee, Fla.

1546—Moseley Bros. Refrigerator Express.. 26
Grand Rapids, Mich.

1547—Mt. Hope Finishing Company... 6
No. Dighton, Mass.
J. W. Synan, Traf. Mgr..No Dighton, Mass.

1548—Mutual Refining Co..... 30
Warren, Pa.
E. W. Smiley, Traf. Mgr...Warren, Pa.

1548a—Myles Salt Co., Ltd..... 4
1007 Camp St., New Orleans, La.
V. Schaffenburg, Traf. Mgr. New Orleans, La.

1549—National Ammonia Co., The..... 19
St. Louis, Mo.
J. F. O'Boyle, Traf. Mgr.....St. Louis, Mo.

1550—National Enameling & Stamping Co.. 21
Granite City, Ill.
P. M. Hanson, Gen. Traf. Mgr. Granite City, Ill.

1550a—National Lamp Works of G. E. Co..... 8
Nela Park, Cleveland, O.
H. N. Sibbald, Traf. Mgr... { Nela Park,
Cleveland, O.

1551—National Oil Co., Inc..... 59
Richmond, Va.
G. M. Timberlake, Traf. Mgr. Richmond, Va.

1551a—National Pigments & Chemical Co.... 15
706 Chestnut St., St. Louis, Mo.
W. S. Mellen, Mgr. Traf. Dept..St. Louis, Mo.

1551b—National Pole Co..... 11
Everett, Wash
G. H. Ramsay, Traf. Mgr...Escanaba, Mich.

1552—National Rosin, Oil & Size Co..... 20
P. O. Box 1181, Savannah, Ga.
J. M. Righton, Mgr. Traf. Dept. Savannah, Ga.

1552a—National Supply Co., The..... 6
P. O. Box 899, Toledo, O.
J. F. Ryan, Traf. Mgr.....Toledo, O.

1553—National Tank Car Co..... ...
327 So. La Salle St., Chicago, Ill.
M. F. Russell, Pres.....Chicago, Ill.

1553a—National Tube Co..... 27
1922 Frick Bldg., Pittsburgh, Pa.
J. M. Morris, Traf. Mgr....Pittsburgh, Pa.

1554—National Zinc Co., Inc..... 94
Packers Station, Kansas City, Kan.

1554a—Naugatuck Chemical Co..... 11
Naugatuck, Conn.
E. E. Carroll, Traf. Mgr..Naugatuck, Conn.

1554b—Navajo Refining Co..... .....
314 Berryhill Bldg., Sapulpa, Okla.

1555—Nebraska Buick Auto Co..... 52
Lincoln, Neb.
M. B. Bradshaw, Traf. Mgr...Lincoln, Neb.

1555a—Neuhoff Packing Co..... 15
Nashville, Tenn.
T. J. Yarbrough, Traf. Mgr. Nashville, Tenn.

1556—New England Fuel & Transportation Co., The..... 224
111 Devonshire St., Boston, Mass.
H. M. Waybright, Mgr. Traf. Bur. Boston, Mass.

GREENLEE BROS. & CO.

ROCKFORD, ILLINOIS

MACHINERY AND TOOLS

Flat Turret Lathes — Hollow Chisel Mortisers
Cylindrical Grinders — Tie Adzing and Boring Machines
Special Car Shop Woodworking Machinery
Wood Boring Bits and Mortising Chisels

Varnish Removing from Coach Interiors
Paint Removing from Steel Coach Exteriors, Tender Tanks, Trucks, etc.

Special Air Processes for each, in conjunction with

WILSON REMOVER

Write for Illustrated Matter

WILSON-IMPERIAL CO., 115 Chestnut St., Newark, N.J.

EUREKA BRASS COMPANY

Car Journal Bearings
Brass Locomotive Castings

Daily Capacity 100,000 Pounds — Switch on Terminal Railroad

ST. LOUIS, MO.

The Bassick Manufacturing Company
2650 N. Crawford Avenue — Chicago, Illinois

ALEMITE HIGH PRESSURE LUBRICATION
— FOR —
Main Rods — Side Rods — Cross Head — Wrist Pins
Valve Gears — Brake Rigging
Spring Rigging — Engine Truck Grade Hangers
Passenger Car Truck Pedestal Lubrication
Switch and Signal System Lubrication

CARS

1556a—New England Oil Refining Co. 500
Fall River, Mass.
H. A. Browne, Traf. Mgr.... { 141 Milk St., Boston, Mass.

1556b—New Jersey Zinc Co. of Pa., The 28
160 Front St., New York, N. Y.
C. H. George, Gen. Traf. Mgr. . New York, N. Y.

1557—New Orleans Coffee Co., Ltd. 5
New Orleans, La.
L. F. Micholet, Traf. Mgr. . New Orleans, La.

1557a—New Orleans Refining Company, Inc. . 445
United Fruit Bldg., New Orleans, La.
C. A. Talley, Traf. Mgr., New Orleans, La.

1558—New River & Pocahontas Consolidated Coal Co. 1000
Commercial Trust Bldg., Philadelphia, Pa.
J. H. Martin, Supt. Car Serv. Philadelphia, Pa.

1558a—New Zanesville Provision Co 9
Zanesville, O.
F. Boyd, Traf. Mgr. .....Zanesville, O.

1558b—Niagara Alkali Co. 4
Niagara Falls, N. Y.
J. J. Halley, Traf. Mgr. Niagara Falls, N. Y.

1559—Nickel Plate-Lackawanna Dairy Line. ....
327 So. La Salle St., Chicago, Ill.
G. A. Bennis, Car Acct. .....Chicago, Ill.

1559a—Nickel Plate Refrigerator Despatch. . 500
327 So. LaSalle St., Chicago, Ill.
G. A. Bennis, Car Acct. .....Chicago, Ill.

1560—Noble Oil & Gas Co. 498
608 Wright Bldg., Tulsa, Okla.
W. J. Schnur, Traf. Mgr .....Tulsa, Okla.

1561—North American Car Corp ....
327 So. La Salle St., Chicago, Ill.
H. H. Brigham, Pres. .....Chicago, Ill.

1562—Northern Refrigerator Car Co 1800
Cudahy, Wis.
C. O'Hara, Pres. .....Cudahy, Wis.

1562a—Northland Gasoline Co. 8
Box 1027, Tulsa, Okla.
R. E. Williamson, Traf. Mgr. . .Tulsa, Okla.

1562b—North Western Refrigerator Line Co. 600
19 So. La Salle St., Chicago, Ill.
J. K. Ingalls, Pres. .....Chicago, Ill.

1562c—Oak Extract Co., The 18
Newport, Pa.
H. A. Moore, Gen. Mgr. .....Newport, Pa.

1563—Oakland Motor Car Co. 80
Pontiac, Mich.
J. C. Haynes, Traf. Mgr .... Pontiac, Mich.

1563a—Ockland Gasoline Production Co. 5
Tulsa, Okla.

1564—Ohio Valley Refining Co. 77
St. Marys, W. Va.
H. M. Locke, Traf. Mgr. . St. Mary's, W. Va.

1565—Oil Creek Refining Co. 60
Titusville, Pa.

1566—Oil State Gasoline Co. 16
P. O. Box 1683, Tulsa, Okla.
W. G. Kirschke, Traf. Mgr. .... .Tulsa, Okla.

1567—Oklahoma Gasoline Plants, Inc. 15
203 First Nat'l. Bk. Bldg., Oklahoma City, Okla.

1568—Old Dominion Transportation Co. 56
P. O. Box 428, Lexington, Ky.
R. H. Colley, Treas. .....Lexington, Ky.

1568a—Oliver Tank Line. 9
7519 St. Philip St., New Orleans, La.

CARS

1569—Omaha Alfalfa Milling Co. 33
P. O. Box 1274, Omaha, Neb.
R. D. Holmes, Traf. Mgr. .... .Omaha, Neb.

1570—Omaha Refining Corp. 10
P. O. Box 1135, Omaha, Neb.
W. A. McDermott, Traf. Mgr. . Omaha, Neb.

1571—Osage Gasoline Co., The 24
1006 Coca Cola Bldg., Kansas City, Mo.
L. C. Hickox, Traf. Mgr. . Kansas City, Mo.

1571a—Ouachita Valley Refining Co 95
Room 14, Trull Bldg., El Dorado, Ark.
C. L. Crenshaw, Traf. Mgr. El Dorado, Ark.

1572—Owens Bottle Co., The 19
Nicholas Bldg., Toledo, O.
H. G. Huhn, Traf. Mgr. .....Toledo, O.

1572a—Owens Refining Co. 4
Box 192, Cameron, Tex.

1572b—Ozark Cider & Vinegar Co., The 4
Rogers, Ark.
P. H. Welborne, Traf. Mgr. . . . .Rogers, Ark.

1573—P. & F. Tank Line Co., Inc 236
Whitney Central Bank Bldg., New Orleans, La.
W. W. Ingalls, Jr., Traf. Mgr. .....New Orleans, La.

1573a—Pacific Ammonia & Chemical Co. 6
2224 Northlake Ave., Seattle, Wash.

1574—Pacific Fruit Express Co 33304
58 E. Washington St., Chicago, Ill.
C. E. Carner, Traf. Mgr. .....Chicago, Ill.

1574a—Pacific Refining Co. 252
201 Majestic Theatre Bldg., Tulsa, Okla.

1575—Page-Hersey Tubes, Ltd. 1
Toronto, Ont.
C. W. Middleton, Traf. Mgr. . Toronto, Ont.

1575a—Palace Poultry Car Co. 251
208 No. Wells St., Chicago, Ill.

1575b—Palmer Corp. 4
P. O. Box 11, Shreveport, La.
W. F. Hartwig, Traf. Mgr. . Shreveport, La.

1575c—Palmolive Co., The 23
Milwaukee, Wis.
J. E. Kraseman, Traf. Mgr. Milwaukee, Wis.

1575d—Pan-American Petroleum Co. 10
Petroleum Securities Bldg., Los Angeles, Cal.
L. R. Guerra, Traf. Mgr. . Los Angeles, Cal.

1576—Panhandle Refining Co. 291
P. O. Box 1040, Wichita Falls, Tex.
G. W. Reed, Traf. Mgr. . Wichita Falls, Tex.

1576a—Paper Makers Chemical Co. 13
Easton, Pa. and Holyoke, Mass.
G. J. Bolender, Traf. Mgr. Kalamazoo, Mich.

1577—Paragon Refining Co., The 649
2935 Front St., Toledo, O.
E. A. Barror, Traf. Mgr. .....Toledo, O.

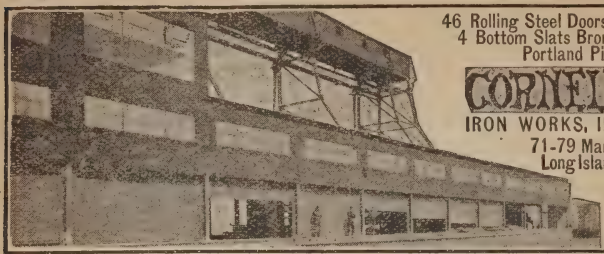
1577a—Peerless Oil & Refining Co. 100
Chanute, Kan.

1577b—Peerless Transit Line 800
National Bldg., Cleveland, O.
E. E. Harrington, Traf. Mgr. . Cleveland, O.

1578—Peet Bros. Co. 50
Packers Station, Kansas City, Kan.

1578a—Pelican Oil Refining Co., Inc ....
1103 Hennen Bldg., New Orleans, La.

1579—Pence Automobile Co 105
300 Hennepin Ave., Minneapolis, Minn.
H. G. Krell, Traf. Mgr. . Minneapolis, Minn.



46 Rolling Steel Doors
4 Bottom Slats Bronze
Portland Pier, Me.

CORNELL
IRON WORKS, INC.
71-79 Marion St.
Long Island City
N. Y

THE DETROIT MODEL-A LOCOMOTIVE FORCE FEED OILER HAS THESE DISTINCTIVE FEATURES.

Simplicity of design. Low maintenance cost.
Thermostatic heater.
Unusual accessibility. Exceptional efficiency.

Write for Bulletin No. 18

DETROIT LUBRICATOR COMPANY
DETROIT, MICHIGAN, U.S.A.

SOFT WATER or FILTERED WATER

is an economical necessity of nearly every railroad and that no railroad has ever abandoned an AMERICAN installation of either apparatus is a guarantee of its unequalled simplicity, accuracy and economy of operation.

Have us give particulars

AMERICAN WATER SOFTENER COMPANY
LEHIGH AVE. & 4TH ST., PHILADELPHIA, PA.
"A Laborer can operate the American"

Steel for Freight Warehouses

KINNEAR
ROLLING · DOORS

Wood for Round Houses.

KINNEAR ROLLING DOORS and SHUTTERS are recognized by architectural engineers as the standard of the World. Send for Catalog.
THE KINNEAR MFG. CO. - 843-893 Field Ave., Columbus, Ohio.

CARS

580—Penn Central Light & Power Co. 39
1809 Union Ave., Altoona, Pa.
G. T. Nophsker, Traf. Mgr.... Altoona, Pa.

580a-Penn. Coal & Coke Corp. 1000
17 Battery Place, New York, N. Y.

580b-Penn Formaldehyde Mfg. Co. 4
Olean, N. Y.
M. M. Quinn, Gen. Mgr..... Olean, N. Y.

581—Penn Iron & Coal Co., The 42
1300 Leader-News Bldg., Cleveland, O.
P. C. Sprague, Traf. Mgr.... Cleveland, O.

581a-Pennsylvania Refining Co. 19
Karns City, Pa.
M. H. Hindman, Traf. Mgr.. Karns City, Pa.

582—Pennsylvania Salt Mfg. Co. 140
Widener Bldg., Philadelphia, Pa.
H. L. Crowder, Traf. Agt. Philadelphia, Pa.

582a-Pennsylvania Tank Line. 5083
Sharon, Pa.
E. J. Miller, V.-Pres..... Sharon, Pa.

582b-Pennzoil Co. 274
Oil City, Pa.
D. E. Carrier, Traf. Mgr..... Oil City, Pa.

583—Pensacola Tar & Turpentine Co. 11
Gull Point, Fla.
L. M. Chalker, Traf. Mgr.. Gull Point, Fla.

583a-Peoples Gas By-Products Corp. 5
122 So. Michigan Ave., Chicago, Ill.
J. P. Stokes, Traf. Mgr..... Chicago, Ill

583b-Peoples Fuel & Supply Co. 35
Red Lion, Pa.
J. T. Pettit, Traf. Mgr..... Red Lion, Pa.

583c-Peoples Natural Gas Co. 20
Box 1756, Pittsburgh, Pa.
J. J. Grady, Traf. Mgr..... Pittsburgh, Pa.

583d-Pepin Pickling Co. 1
Winona, Minn.
L. C. LaFrance, Traf. Mgr.. Winona, Minn.

584—Peters Mill Co., M. C. 17
South Omaha, Neb.
W. V. C. McCormack, Traf. Mgr..... { So. Omaha, Neb.

584a-Peterson Co., George C. 5
208 So. La Salle St., Chicago, Ill.
R. D. Hunt, Traf. Mgr..... Chicago, Ill.

585—Philadelphia Quartz Co. 84
121 South Third St., Philadelphia, Pa.
W. Martin, Traf. Mgr.... Philadelphia, Pa.

586—Philadelphia Quartz Co. of California. 5
6th & Gryson Sts., Berkeley, Cal.
H. O. Fisher, Traf. Mgr..... Berkeley, Cal.

587—Phillips Petroleum Co. 1225
Bartlesville, Okla.
C. R. Musgrave, Traf. Mgr.. Bartlesville, Okla.

588—Pick, A. J. 38
West Bend, Wis.

589—Pierce Petroleum Corp 1230
418 Olive St., St. Louis, Mo.
L. B. Lea, Traf. Mgr..... St. Louis, Mo.

589a-Pittsburgh-Des Moines Steel Co. 4
P. O. Box 456, Coraopolis, Pa.
H. N. Holdren, Traf. Mgr.. Coraopolis, Pa.

590—Pittsburgh Oil & Refining Co. 95
1917 Oliver Bldg., Pittsburgh, Pa.
R. B. Stumpf, Traf. Mgr.... Pittsburgh, Pa.

CARS

1590a-Pittsburgh Plate Glass Co.—Columbia Chemical Division 118
Barberton, O.
H. W. Young, Div. Traf. Mgr. Barberton, O.

1591—Pittsburgh Provision & Packing Co. ... 16
Pittsburgh, Pa.
H. S. Leathers, Traf. Mgr. { U. S. Yards, Pittsburgh, Pa.

1592—Portsmouth By-Product Coke Co. 25
Portsmouth, O.
D. L. Bennett, Traf. Mgr.... Portsmouth, O.

1593—Potash Reduction Co., Inc. 8
Hoffland, Neb.
T. E. Stevens, Pres. { 822 World-Herald Bldg., Omaha, Neb.

1593a-Powers & Quinlan 12
P. O. Box 1733, Tulsa, Okla.
A. M. Powers, Traf. Mgr ..... Tulsa, Okla.

1593b-Pressed Steel Car Co. 61
1908 Farmers Bk. Bldg., Pittsburgh, Pa.
F. M. Garland, Traf. Mgr... Pittsburgh, Pa.

1594—Procter & Gamble Transp. Co., The.. 1223
Gwynne Bldg., Cincinnati, O.
R. B. Phillips, Traf. Mgr..... Cincinnati, O.

1594a-Producers & Refiners Corp 873
P. O. Box 1020, Denver, Col.
D. F. McCarthy, Traf. Mgr.... Denver, Col.

1594b-Producers Pipe Line & Refining Co.. 4
42 Broadway, New York, N. Y.
J. H. Brantley, Traf Mgr. { P.O. Box 742, Nashville, Tenn.

1595—Protexol Corp. 4
Kenilworth, N. J.
E. Ryan, Traf. Mgr..... Kenilworth, N. J.

1595a-Prox Co., Frank 1
Terre Haute, Ind.
J. E. Schoemehl, Traf. Mgr. Terre Haute, Ind.

1596—Prudential Oil Corp 399
1001 Keyser Bldg., Baltimore, Md.
H. B. Cole, Traf. Mgr..... Baltimore, Md.

1597—Public Service Electric & Gas Co. 606
80 Park Place, Newark, N. J.
T. N. McCarter, Pres..... Newark, N. J.

1598—Pullman Co., The 7750
Chicago address, 79 E. Adams St.
J. S. Runnells, Chairman..... Chicago, Ill
E. F. Carry, Pres..... "
J. Keeley, Asst. to Pres..... "
R. Dean, V.-Pres..... "
L. S. Taylor, V.-Pres. & Compt..... "
L. S. Hungerford, V.-Pres. & Gen. Mgr. "
H. P. Walden, Asst. to V.-Pres. & Gen. Mgr..... "
J. F. Kane, Sec..... "
C. S. Sweet, Asst. Sec..... "
A. A. Cummins, Treas..... "
H. A. Brown, Asst. Treas..... "
E. Hoefer, Asst. Treas..... "
G. A. Kelly, Gen. Solr..... "
L. M. Greenlaw, Gen. Atty..... "
C. S. Williston, Clms. Atty..... "
J. D. Ferguson, Tax Atty..... "
J. A. O'Connell, Atty..... "
E. C. Morris, Gen. Aud..... "
H. R. Holmgren, Asst. Gen. Aud..... "
L. M. Bradish, Asst. Gen. Aud..... "
G. S. Seymour, Aud. Misc. Accts..... "

W. N. BEST Oil Burners
for Locomotives and Railroad Shops

Complete Line of Furnaces and Torches

Catalog upon request

W. N. BEST Corporation

Liquid Fuel Engineers since 1890

11 Broadway New York City

The Cleveland Railway Supply Co.

SWETLAND BUILDING, CLEVELAND, O.

Odenkirk Switch Stands
Crossing Flangeway Guards
Newhall Guard Rails
Tie Plates and Rail Braces
"Safety" Foot Guards
C. R. S. Locomotive Cranes

SPRING FROGS
SPECIAL WORK
SPLIT SWITCHES

ST. LOUIS FROG & SWITCH CO.

ST. LOUIS, MO.

ELECTRIC RYS.
SWITCH STANDS
CROSSING FROGS

CLEMENT "COVERALL" COMPANY

615 TO 623 VAN HOOK ST., CAMDEN, N. J.

COVERALL MAKERS OF PAINTS

We use no other vehicle than pure LINSEED OIL for our paints. Our "2000 COVERALL BLACK" is a leader. ONE GALLON WILL COVER 1000 SQUARE FEET of OLD Surface.

1598—Pullman Co.—Continued.
H. J. England, Aud. of Valua.....Chicago, Ill
C. S. Knapp, Eng. of Valua..... "
B. C. H. Olsen, Aud. Disb..... "
W. Riley, Aud. Ticket Accts.... "
H. P. Clements, Pass. Traf. Mgr..... "
E. P. Burke, Gen. Pass. Agt..... "
J. T. Ransom, Asst. Gen. Mgr..Washington, D.C
F.L. Wood, Asst. Gen. Mgr.....San Francisco, Cal
W. A. Hartley, Asst. to Asst. Gen. Mgr.. .....Philadelphia, Pa
O. P. Powell, Asst. Gen. Mgr.....Chicago, Ill
P. L. Randall, Supt. Car Serv..... "
T. R. Crowder, Dir. Dept. of Sanitation & Surgery..... "
F. O. Reemer, Ch. Pur. Off..... "
W. T. Stewart, Pur. Agt..... "
J. R. Mulroy, Gen. Str. Kpr..... "
C. E. Coursey, Commissary..... "
S. B. Hammer, Stationer.....Pullman, Ill
C. W. Pflager, Mech. Supt.....Chicago, Ill
F. R. Callahan, Supvr. R. R. Repairs. "
E. Lunn, Ch. Elect..... "

SUPERINTENDENTS.

A. V. Burr.....St. Louis, Mo
W. M. Camp.....Atlanta, Ga
H. J. Clark.....Houston, Tex
J. P. Leach.....Standard Oil Bldg..Chicago, Ill
J. A. Rittenhouse..... { Grand Cent. Term., New York, N. Y.

DISTRICT SUPERINTENDENTS.

H. M. Allen.....Seattle, Wash
J. L. Arthur.....Kansas City, Mo
J. L. A. Baldwin....South Station, Boston, Mass
F. R. Barker.....North Station, Boston, Mass
J. K. Breaux.....Savannah, Ga
C. U. Brengle.....Norfolk, Va
W. A. S. Brunswick.....Albany, N. Y
J. Bryce..... Grd. Cent. Sta., Chicago, Ill
W. H. Bucher.....Memphis, Tenn
F. J. Carten.....Tampa, Fla
F. E. Cooper.....Jacksonville, Fla
J. W. Davidson..... .....Cleveland, O
J. A. Davis.....Louisville, Ky
T. J. Eddings.....San Antonio, Tex
G. H. Edwards.....Richmond, Va
F. O. Fernald.....Dallas, Tex
G. H. Gibney, C. & N. W. Depot....Chicago, Ill
J. F. Green..... .....Chattanooga, Tenn
W. A. Hartley.....Philadelphia, Pa
C. C. Healey.....St. Paul, Minn
R. C. Johnson.....Omaha, Neb
F. X. Kaine.....Pittsburgh, Pa
T. E. Kinsey..... { New Express Bldg., Jersey City, N. J
C. Lincoln.....Los Angeles, Cal
S. W. McNabb.....Baltimore, Md
J. F. Mitchell, Penna. Term.....New York, N. Y
F. R. Neat.....St. Paul, Minn
T. C. Olney.....New Orleans, La
W. R. Parkes.....Salt Lake City, Utah
P. T. Ryan.....Cincinnati, O
J. S. Seese, Union Depot..... .....Chicago, Ill
L. St. J. Sheckler.....Minneapolis, Minn
C. J. Simpson.....Montreal, Que
L. W. Snider.....Portland, Ore
O. W. Snoddy.....Miami, Fla
C. T. Stewart.....Washington, D. C
W. S. Stallings.....El Paso, Tex
E. Van Dyne..... ..Buffalo, N. Y
B. H. Vroman.....Denver, Col
P. Parke, Ch. Eng.....Chicago, Ill

CARS

1599—Pure Oil Co., The..... 2670
Columbus, O.
H. Hauseman, Traf. Mgr.. ..Columbus, O.
1599a—Quaker City Refrigerator Line..... ....
Quaker City Live Stock Express, 411 Olive St., St. Louis, Mo.
1599b—Quaker City Tank Line, Inc..... 520
411 Olive St., St. Louis, Mo.
F. J. Gantz, Traf. Mgr.. ....St. Louis, Mo.
1600—
1600a—Quaker State Oil Refining Co..... 9
Oil City, Pa.
G. W. Ebert, Traf. Mgr.....Oil City, Pa.
1600b—Quemahoning Coal Co..... 59
Somerset, Pa.
M. D. Snyder, Traf. Mgr.....Somerset, Pa.
1601—Rainey-Wood Coke Co., Inc..... 441
52 Vanderbilt Ave., New York, N. Y.
F. M. Manson, Traf. Mgr. .New York, N.Y.
1601a—Rajah Oil & Refining Co..... 18
P. O. Box 52, Youngstown, O.
B. F. Simms, Traf. Mgr... .Youngstown, O.
1602—Ralston Steel Car Co., The..... 18
Box 1342, Columbus, O.
W. A. Tully, Traf. Mgr.....Columbus, O.
1603—Randolph Petroleum Co..... 10
Kennedy Bldg., Tulsa, Okla.
1604—Rath Packing Co., The..... 199
Waterloo, Ia.
C. A. Heath, Traf. Mgr..... Waterloo, Ia.
1604a—Red "C" Oil Co., The... 15
410 Keyser Bldg., Baltimore, Md.
C. A. Schnee, Treas.....Baltimore, Md.
1605—Red River Lumber Co., The..... 208
Westwood, Cal.
A. Larsen Traf. Mgr. { 268 Market St., San Francisco, Cal.
1605a—Red River Refining Co., Inc..... 119
Shreveport, La.
E. F. Buchanan, Traf. Mgr..Shreveport, La.
1605b—Refrigerated Meat Despatch..... ....
912 Webster Bldg., Chicago, Ill.
1605c—Refrigerator Transit Co... 100
140 So. Dearborn St., Chicago, Ill.
1606—Republic Creosoting Co... 28
1616 Merchants' Bk. Bldg.. Indianapolis, Ind.
R. J. Mansfield, Traf. Mgr..Indianapolis, Ind.
1606a—Republic Iron & Steel Co. 507
Youngstown, O.
E. F. Kidd, Traf. Mgr.....Youngstown, O.
1606b—Rieck-McJunkin Dairy Co..... 8
1345 Forbes St., Pittsburgh, Pa.
A. G. Muckle, Traf. Mgr....Pittsburgh, Pa.
1607—Rio Grande Oil Co.. 57
404 Spreckels Bldg., Los Angeles, Cal.
A. L. Sarrels, Traf. Mgr..Los Angeles, Cal.
1607a—Riter-Conley Mfg. Co..... 12
P. O. Box 939, Pittsburgh Pa.
A. M. Hughes, Traf. Mgr...Pittsburgh, Pa.
1608—River Raisin Paper Co..... 7
Monroe, Mich.
C. F. Curson, Traf. Mgr.....Monroe, Mich.
1608a—Roberts & Oake..... 20
U. S. Yards, Chicago Ill.
L. A. Weaver, Mgr. Trans.....Chicago, Ill.

Buffalo Brake Beam Co.

BUFFALO BEAMS ARE BEST BEAMS

WORKS: Buffalo, N. Y. and Hamilton, Ont.

OFFICES:

32 NASSAU STREET, NEW YORK

275 Craig St., West
Montreal, Quebec

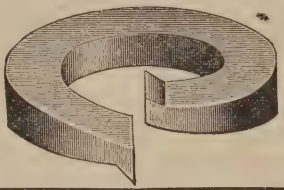
Syndicate Trust Bldg.
St. Louis, Mo.

THE POSITIVE LOCK WASHER CO.

NEWARK, N. J.

Sole Makers of

THE KEYSTONE POSITIVE LOCK WASHER



Made in all sizes and weights for all purposes.

Also, Plain Coils and Tail Nut Locks.

Switch Locks Signal Locks Car Hardware

CABOOSE LOCKS PADLOCKS OF ALL KINDS
IN ALL TYPES AND GRADES

Most of the Standard Railroads of this country use our locks. Write for catalog and send samples of Standards for attractive quotations.

FRAIM-SLAYMAKER HARDWARE CO., Inc.

LANCASTER, PA., U. S. A.

CHAINS - JOURNAL WEDGES

UNITED STATES CHAIN & FORGING CO.

PITTSBURGH, PA.

NEW YORK CHICAGO SAN FRANCISCO
WASHINGTON ST. LOUIS ST. PAUL

CARS

1609—Robeson Process Co. 125
200 Fifth Ave., New York, N. Y.
J. A. Shirras, Traf. Mgr...New York, N. Y.

1609b-Robinson & Ice 5
414 Kennedy Bldg., Tulsa, Okla.
W. P. Jeremiah, Gen. Mgr.....Tulsa, Okla.

1610—Roby Tank Line 47
1510 Harris Trust Bldg., Chicago, Ill.
C. D. Miller, Traf. Mgr.....Chicago, Ill.

1610a-Roessler & Hasslacher Chemical Co. ... 44
Niagara Falls, N. Y.
L.M.Smith, Traf.Mgr. { 26th & Buffalo Ave., Niagara Falls, N. Y.

1610b-Roland Oil Co., The 3
P. O. Box 781, Tulsa, Okla.
P. P. McKirahan, Traf. Mgr., Tulsa, Okla.

1611—Root Refineries 115
Commercial Bank Bldg., Shreveport, La.
J. L. Geraghty, Traf. Mgr..Shreveport, La.

1611a-Rosman Tanning Extract Co 15
Rosman, N. C.
D. G. Ward, Traf. Mgr.....Brevard, N. C.

1612—Rossville Co., The 1
Lawrenceburg, Ind.
W. Crisler, Traf. Mgr..Lawrenceburg., Ind

1613—Roth Gasoline Corp., The 10
Independence, Kan.

1614—Roxana Petroleum Corp 1899
Locker Drawer D 15, St. Louis, Mo.
E. W. Sieboldt, Traf. Mgr...St. Louis, Mo.

1615—Ryan Grain Co 6
McCracken, Kan.
C. G. Ryan, Mgr.....McCracken, Kan.

1616—St. Louis Independent Packing Co. .. 148
3815 Chouteau Ave., St. Louis, Mo.
S. W. Hirschberg, Traf. Mgr.St. Louis, Mo.

1616a-San Antonio Soap & Refining Co 29
407 Dawson St., San Antonio, Tex.

1617—Sand Springs Home—Gasoline Dept. .. 8
P. O. Box 277 Sand Springs, Okla.
J. S. Babbitt, Traf. Mgr.... { Sand Springs, Okla.

1618—Sandusky Cement Co 30
1002 Engineers Bldg, Cleveland, O.
G. W. Cole, Traf. Mgr.....Cleveland, O.

1619—Schenectady Varnish Co., Inc 6
Schenectady, N. Y.
W. H. Wright, Traf. Mgr.Schenectady, N.Y.

1619a-Schieren Co., Chas. A., Inc 3
Bristol, Tenn.
J. E. Dier, Traf. Mgr... { 30 Ferry St., New York, N. Y.

1619b-Schluderberg, The Wm. — Kurdle Co., T. J 7
Baltimore & 5th Sts., Baltimore, Md.
H. E. Wennagel, Traf. Mgr.Baltimore, Md.

1620—Seaboard Chemical Co 18
90 West St., New York, N Y.

1620a-Seaboard Refining Co., Ltd., The 83
Title Guarantee Bldg., New Orleans, La.
A. B. Kearsey, Traf. Mgr., New Orleans, La.

1621—Sears Co., D. M., The 3
Ft. Wayne, Ind.

CARS

1621a-Semet-Solvay Co 328
Syracuse, N. Y.
N. D. Chapin, Gen. Traf. { 40 Rector St., New York, N. Y.

1622—Seneca Oil Works 61
Warren, Pa.
G. P. Brockway, Pres.....Warren, Pa.

1623—Shaffer Oil & Refining Co 631
Box 726, Chicago, Ill.
B. J. Burchett, Traf. { 1018 So. Wabash Ave., Chicago, Ill.

1624—Sharon Steel Hoop Co 10
Sharon, Pa.
E. R. Griffith, Traf. Mgr.....Sharon, Pa.

1624a-Shell Co. of California 373
200 Bush St., San Francisco, Cal.
C.E.Donaldson, Traf.Mgr.SanFrancisco, Cal.

1625—Shell Co. of Canada, Ltd., The 8
190 St. James St., Montreal, Que.
T. A. Eaves, Traf. Mgr.....Montreal, Que.

1626—Sherwin-Williams Co., The 15
601 Canal Road, Cleveland, O.
J. B. Sanford, Gen. Traf. Mgr.Cleveland, O.

1626a-Sherwood Bros, Inc 8
809 Continental Bldg., Baltimore, Md.
G. G. Buschman, Traf. Mgr.Baltimore, Md.

1627—Shippers Car Line Corp 1965
165 Broadway, New York, N. Y.

1627a-Shreveport Producing & Ref. Corp .. 252
Box 101, Shreveport, La.
J. C. Watkins, Traf. Mgr...Shreveport, La.

1628—Simmons Oil & Refining Co 51
Shreveport, La.
W. L. Simmons. Pres.....Shreveport, La.

1628a-Simms Oil Co. 599
Magnolia Bldg., Dallas, Tex.
L. A. Klein, Traf. Mgr..... ..Dallas, Tex.

1628b-Simonin's Sons, Inc., C. F. 10
Tioga & Belgrade Sts., Philadelphia, Pa.
P. W. Reese, Traf. Mgr...Philadelphia, Pa.

1629—Sinclair Refining Co 4948
45 Nassau St., New York, N. Y.
J. M. O'Day, Gen. Traf.Mgr.New York, N.Y.

1629a-Skelly Oil Co 973
Tulsa, Okla.
A. F. Winn, Traf. Mgr. .... { Box 2087, Tulsa, Okla.

1630—Sloan & Zook Co., The 65
101 Main St., Bradford, Pa.
D. L. Evans, Traf. Mgr.....Bradford, Pa.

1630a-Smith Agricultural Chemical Co 6
Columbus, O.
C. E. Veth, Traf. Mgr..... ..Columbus, O.

1631—Solvay Process Co., The 61
Syracuse, N. Y.
N. D. Chapin, Gen Traf. { 40 Rector St., New York, N. Y.

1632—Southern Acid & Sulphur Co., Inc ... 31
900 Rialto Bldg., St. Louis, Mo.
W. E. Rosenbaum, Traf. Mgr., St. Louis, Mo.

1632a-Southern Agricultural Tank Line 383
1207 Atlantic Trust Co. Bldg., Atlanta, Ga.
F. B. Porter, Traf. Mgr.....Atlanta, Ga.

STAR BRASS MANUFACTURING CO.

MANUFACTURERS OF

Non-Corrosive Locomotive Steam Gages

Improved Locomotive Pop Safety Valves

(Muffled or Plain)

Original Single Bell Chime Whistles, Extra Heavy Automatic Water Gages, and other Standard Appliances

Main Office and Works, Boston, Mass.

New York Office, 70 Cortlandt Street

Chicago Office, 6 East Lake St., cor. State

Pittsburgh Office, 528 Duquesne Way

RAILS - - New and Relaying

ALL SECTIONS carried in stock at our yards, centrally located throughout the United States. We also manufacture frogs, switches, splice and angle bars and have a large stock on hand of spikes, bolts, railroad bumpers, crossings, etc., and all classes of iron and steel for use in operating railroads, including cars and locomotives. We also purchase relaying rail equipment.

Prices Cheerfully Quoted.

M. K. FRANK PARK ROW BUILDING - - NEW YORK
UNION TRUST BUILDING - PITTSBURGH

THE OHIO INJECTOR CO.

1437 MONADNOCK BLOCK, CHICAGO

OHIO LOCOMOTIVE INJECTORS

Simple in Construction. Economical in Repairs.

CHICAGO LOCOMOTIVE LUBRICATORS

Positive Delivery of Oil to Steam Chests.

CHICAGO FLANGE OILER

SEND FOR CATALOGUE

The "UNIT" One Piece Rail Anchor

The Simplest and Latest Development in Anticreepers

CREEPCHECK CO. - - HOBOKEN, N. J.

CARS

33—Southern California Edison Co. 2
306 West 3rd St., Los Angeles, Cal.
D. A. Munger, Traf. Mgr..Los Angeles, Cal.

33a-Southern Carbon Co 125
P. O. Drawer 1346, Monroe, La.
W. H. Anders, Traf. Mgr.....Monroe, La.

34—Southern Cotton Oil Co.. The 284
Union Indemnity Bldg.,New Orleans, La.
S. R. Barnett, Traf. Mgr..New Orleans, La.

34a-Southern Extract Co 60
P. O. Box 857, Knoxville, Tenn.
S. V. Minskey, Traf. Mgr..Knoxville, Tenn.

35—Southern Fertilizer & Chemical Co... 5
P. O. Box 1185, Savannah, Ga.
D. R. Stuart, Asst. Treas.....Savannah, Ga.

36—Southern Refining Co 10
San Antonio, Tex.
H. A. Briscoe, Traf. Mgr..San Antonio, Tex.

37—Southport Mill, Ltd. 146
Union Indemnity Bldg..New Orleans, La.
S. R. Barnett, Traf. Mgr..New Orleans, La.

37a-South Texas Cotton Oil Co. 19
H. Grubbs, Traf. Mgr .....Houston, Tex.

37b-Speas Manufacturing Co. 15
2600 Front St., Kansas City, Mo.
C. M. Kemper, Traf. Mgr..Kansas City, Mo.

37d-Squire Dingee Co. 15
1918 Elston Ave., Chicago, Ill.
A. C. Henrichs, Traf. Mgr.....Chicago, Ill.

38—Staley, A. E., Mfg. Co. 80
P. O. Box 317, Decatur, Ill.
T. C. Burwell, Traf. Mgr.....Decatur, Ill.

39—Standard Acid Works, Inc. 47
1214 Continental Bldg., Baltimore, Md.

40—Standard Oil Co. (Indiana) 526
Whiting, Ind.
E. G. Seubert, Treas. { 910 So. Michigan Ave. Chicago, Ill.

40a-Standard Steel Car Co. 202
Frick Bldg., Pittsburgh, Pa.
A. J. Bessolo, Traf. Mgr.....Butler, Pa.

40b-Standard Transit Co 3067
P. O. Box 532, Sharon, Pa.
H. E. Coyl, V.-Pres.....Sharon, Pa.

40c-Star Refining & Producing Co. 35
P. O. Box 625, Ft. Worth, Tex.
W. B. Price, Traf. Mgr....Ft. Worth, Tex.

41—State Refining Association, The 15
306-310 St. Andrews Bldg., Dallas, Tex.

41a-Stauffer Chemical Co. 30
715 Rives-Strong Bldg., Los Angeles, Cal.

42—Steel Cities Chemical Co 7
Richmond, Va.
T. A. Bosley, Traf Mgr.....Richmond, Va.

43—Stoll Oil Refining Co., Inc. 75
207 West Broadway, Louisville, Ky.
G. E. Gill, Traf. Mgr.....Louisville, Ky.

43a-Stone Oil Co. ....
916 Second Nat'l. Bank Bldg., Houston, Tex.
F. X. Pendarvis, Traf. Mgr...Houston, Tex.

CARS

1644—Struthers Furnace Co., The 126
Struthers, O.
H. W. Grant, Recr.. { 901 City Bank Bldg., Youngstown, O.

1645—Sun Oil Co. 26
Toledo, O.
B. C. McPherson, Traf. Mgr... { Finance Bldg., Philadelphia, Pa.

1646—Sunshine Consolidated Oil Co. 134
Wichita Falls, Tex.
G. P. Whatley, Traf. Mgr. Wichita Falls, Tex.

1646a—Superior Oil Works 35
Warren, Pa.
E. W. Smiley, Traf. Mgr.....Warren, Pa.

1646b-Swanston & Son, C. 6
P. O. Box 323, Sacramento, Cal.
W. Ford, Traf. Mgr.....Sacramento, Cal.

1646c—Swift Canadian Co., Ltd. 1
West Toronto, Ont.
W. R. Ingram, Traf. Mgr ..... { Union Stock Yards, West Toronto, Ont.

1647—Swift Refrigerator Transportation Co. ....
SWIFT LIVE STOCK TRANSPORTATION CO.
Union Stock Yards, Chicago, Ill.
E. F. Swift, Pres.....Chicago, Ill.

1647a-Tank Car Service Co. 10
4554 Broadway, Chicago, Ill.

1647b-Tarr & McComb, Inc. 3
1025 Central Bldg., Los Angeles, Cal.
I. C. Arnold, Traf. Mgr..Los Angeles, Cal.

1648—Taylor Chemical Co. 4
8 W. 40th St., New York, N. Y.
V. T. Whitaker, Traf. Mg. Penn Yan, N. Y.

1648a-Taylor, Lowenstein & Co. 54
Mobile, Ala.
W. R. Selfert, Traf. Mgr.....Mobile, Ala.

1649—Tennessee Coal, Iron & R. R. Co. 68
Brown-Marx Bldg., Birmingham, Ala.
A. W. Carey, Traf. Mgr..Birmingham, Ala.

1650—Tennessee Eastman Corp. 6
Kingsport, Tenn.
B. M. Brown, Asst. Treas. Kingsport, Tenn.

1651—Terrell Oil & Refining Co. 10
Terrell, Tex.
G. G. Fix, Gen. Mgr.....Terrell, Tex.

1652—Texas Chemical Co. 30
706 Scanlan Bldg., Houston, Tex.
W. C. Koester, Traf. Mgr....Houston, Tex.

1652a-Texas Co., The 5401
17 Battery Place, New York, N. Y.
W. Jervis, Traf. Mgr.....New York, N. Y.

1653—Texas Gulf Sulphur Co. 44
Gulf (Matagorda County), Tex.
W. I. Johnson, Traf. Mgr. { Gulf (Matagorda County), Tex.

1653a-Texas-Louisiana Producing & Carbon Co., Inc. 11
P. O. Box 181, Monroe, La.
R. R. Beaman, Pres.....Monroe, La.

1653b-Texhoma Oil & Refining Co. 186
Wichita Falls, Tex.
J. W. Liddell, Traf. Mgr..Wichita Falls, Tex.

1654—Tidal Refining Co. 591
Box 2046, Tulsa, Okla.
C. F. Dowd, Traf. Mgr.....Tulsa, Okla.

ASHTON HIGH GRADE

Muffled and Open Pop

SAFETY VALVES

Steam and Air Brake Gages

Durable, Reliable and Guaranteed

THE ASHTON VALVE CO.

161 First St., Cambridge, Boston, Mass.

126 Liberty St., N. Y. 565 Washington Blvd., Chicago

I-T-E

CIRCUIT BREAKERS

for D. C. and A. C.

Generator and Motor Protection.

THE CUTTER CO. - - PHILADELPHIA, PA.

THE M. J. O'MALLEY CO. 220 Franklin Street, SPRINGFIELD, MASS.

Manufacturing Stationers and Printers

SPECIALTIES:

Form 19 and 31 Train Order Blanks

Oil Boards and Stencil Boards

Patented
Sept. 1, 1903
Aug. 2, 1904
Dec. 29, 1908
June 15, 1909
April 21, 1914
April 20, 1915

It trues up flat wheels while car is in service.

U. S. Trade Mark—"Wheel Truing Brake Shoe."

This cut shows shoe which dresses down tread-worn or grooved tires while Locomotive is in service.

Apply for particulars

WHEEL TRUING BRAKE SHOE CO. DETROIT MICH.

CARS

54a–Tidal-Western Oil Corp..... 216
P. O. Box 2046, Tulsa, Okla.
C. F. Dowd, Traf. Mgr.....Tulsa, Okla.

55—Tiona Refining Co..... 66
Widener Bldg., Philadelphia, Pa.
F. M. Moore, Traf. Mgr...Philadelphia, Pa.

55a–Titusville Oil Works.... 60
Titusville, Pa.
C. L. Von Tacky, Traf. Mgr. Titusville, Pa.

56—Toledo Furnace Co., The. 47
2000 Union Trust Bldg., Cleveland, O.
L. S. Crowther, Jr., Gen. Supt...Toledo, O.

56a–Tomahawk Kraft Paper Co..... 3
Tomahawk, Wis.
C. C. Justesen, Traf. Mgr....Mosinee, Wis.

57—Transcontinental Oil Co 1276
Ritz Bldg., Tulsa, Okla.
W. W. Klingensmith, Traf. { Ritz Bldg.,
Mgr..... ... } Tulsa, Okla.

57a–Transit Co., Ltd..... 360
P. O. Box 694, Toronto, Ont.
A. R. Van Wert, Pres.....Toronto, Ont.

58—Tribes Gasoline Co..... .. 14
Box 1858, Tulsa, Okla.
E. F. Bay, Traf. Mgr .....Tulsa, Okla.

58a–Trinity Cotton Oil Co 32
Dallas, Tex.
E. R. Callier, Pres.....Dallas, Tex.

58b–Tri-State Refining Co..... 12
Drawer 984 Kenova, W. Va.
W. H. Seetzer, Traf. Mgr..Kenova, W. Va.

59—Trojan Powder Co..... 19
Hunsicker Bldg., Allentown, Pa.
W. D. Hughes, Traf. Div...Allentown, Pa.

60—Tucker & Son Co., W. H..... 42
4554 Broadway, Chicago, Ill.
R. Tucker, Gen. Mgr .....Chicago, Ill.

61—Tyler & Co..... 2
Junction City, Kan.
C. O. Hall, Traf. Mgr..Junction City, Kan.

62—Union Acid Works, Inc..... 16
Baltimore, Md.
D. W. Tillett, Gen. Supt....Curtis Bay, Md.

63—Union Oil Co. of California 608
Union Oil Bldg., Los Angeles, Cal.
J. D. Rearden, Traf. Mgr....Los Angeles, Cal.

63a–Union Oil Co. of Pennsylvania..... 16
312 Conewango Ave., Warren, Pa.
D. C. Beatty, Jr., Traf. Mgr...Warren, Pa.

64—Union Refrigerator Transit Co..... 3254
Green Bay Road, Milwaukee, Wis.
L. D. Knowles, Traf. Mgr., Station C.
Milwaukee, Wis.

64a–Union Starch & Refining Co..... 16
Columbus, Ind.
A. J. Versen, Traf. Mgr...Granite City, Ill.

65—Union Tank Car Co.....32808
21 E. 40th St., New York, N. Y.
B. C. Graves, V.-Pres. (Car Serv.). New York, N. Y.

65a–United Alloy Steel Corp..... 4
8th St. Ext., Canton, O.
R. B. Robinson, Gen. Traf. Mgr..Canton, O.

66—United Carbon Co..... 31
P. O. Box 1350, Monroe, La.

67—United Refining Co..... 80
Warren, Pa.
R. E. Brasington, Traf. Mgr...Warren, Pa.

CARS

1667a–United States Asphalt Refining Co... 237
Interocean Oil Co.
90 West St., New York, N. Y.
E. A. Fall, Traf. Mgr.....New York, N. Y.

1668—United States Coal & Coke Co..... 2206
Carnegie Bldg., Pittsburgh, Pa.
C. A. Muse, Supt. Ship.....Pittsburgh, Pa.

1668a–United States of America—War Dept. 434
Munitions Bldg., Washington, D. C.

1669—U. S. Food Products Car Line Corp... 165
30 Broad St., New York, N. Y.
C. W. Braden, Traf. Mgr...New York, N. Y.

1669a–U. S. Fuel Co..... 500
208 So. La Salle St., Chicago, Ill.
F. T. Bentley, Traf. Mgr.....Chicago, Ill.

1669b–U. S. Government—War Department. 608
Washington, D. C.

1670—U. S. Industrial Alcohol Co. 342
110 E. 42nd St., New York, N. Y.
H. W. MacArthur, Traf. Mgr..New York, N. Y.

1670a–United States Rubber Co 20
1790 Broadway, New York, N. Y.
G. F. Hichborn, Gen. Traf. Mgr. New York, N. Y.

1670b–Universal Portland Cement Co..... 350
210 So. La Salle St., Chicago, Ill.
F. T. Bentley, West. Traf. Mgr..Chicago, Ill.

1671—Valvoline Oil Co. (Nocline Oil Refinery)..... 140
East Butler, Pa.
W. D. Ellis, Gen. Mgr., 165 Broadway, New York, N. Y.

1671a–Valvoline Oil Co. (Wilburine Refinery) 78
Warren, Pa.
H. D. Hanna, Traf. Mgr.....Warren, Pa.

1671b–Van Camp Packing Co..... 290
Louisville, Ky.
W. M. Holland, Traf. Mgr. Indianapolis, Ind.

1672—Van Iderstine Co., The..... 10
Long Island City, N. Y.
C. A. Hillyer, Traf.
Mgr.....Long Island City, N. Y.

1672a–Vegetable Oil Products Co..... 10
Pacific Finance Bldg., Los Angeles, Cal.

1672b–Vendome Tank Car Co..... 78
Enid, Okla.
E. R. Smith, Gen. Mgr.....Enid, Okla.

1673—Venice Transportation Co..... 126
1120 Title Guaranty Bldg., St. Louis, Mo.
H. V. Gehm, Pres. & Gen. Mgr..St. Louis, Mo.

1673a–Vera Chemical Co..... 13
No. Milwaukee, Wis.
G. J. Bolender, Traf. { Kalamazoo, Mich.
Mgr..... ..... } P. O. Box 853.

1673b–Vickers Petroleum Co., Inc..... 100
201 to 209 Wheeler Kelly Hagney Bldg.,
Wichita, Kan.
G. P. Nissen, Traf. Mgr.....Wichita, Kan.

1674—Victor Car Line..... 4
312 So. Clark St., Chicago, Ill.
A. V. Kousberg, Pres.....Chicago, Ill.

1674a–Victor Gasoline Co..... 20
P. O. Box 1733, Tulsa, Okla.
A. M. Powers, Traf. Mgr.....Tulsa, Okla.

1675—Virginia Carolina Chemical Co.. 24
11 So. 12th St., Richmond, Va.
T. A. Bosley, Traf. Mgr.....Richmond, Va.

1675a–Virginian Gasoline & Oil Co..... 154
Charleston, W. Va.
R. N. Parks, Supt.....Charleston, W. Va.

1675b–Vulcan Oil Refining Co..... 47
Coraopolis, Pa.
T. H. C. Allen, Gen. Mgr....Coraopolis, Pa.

1676—Wadhams Oil Co..... 10
359 Clinton St., Milwaukee, Wis.

CHICAGO-CLEVELAND CAR ROOFING CO.

Manufacturers of

Steel Roofs and Carlines for Box Cars

Reinforced Ends for Box Cars

STANDARD INSIDE AND OUTSIDE ROOFS SUPPLIED FOR NEW EQUIPMENT AND REPAIRS

25 East Jackson Boulevard - CHICAGO, ILL.

PHENOID

TRADE MARK

PATENTED DEC. 2, 1902.

Paint and Varnish REMOVER

Used and endorsed by the leading railroads of the country.

Manufactured by CHALMERS CHEMICAL CO., 123 Chestnut Street NEWARK, N. J.

NORTON'S MULTIPLE TIE PLUGS.

In wire tied bundles of 500 plugs each.

Kiln Dried.

Treated or Untreated.

NORTON MFG. CO. - - MEMPHIS, TENN.

MILLER BOILER WASHING SYSTEM

Miller Hot Water Locomotive Boiler Washing Systems.
Miller Vacuum Heating Systems for Engine Terminals.
Engineers and Contractors for Complete Power Plants.

F. W. MILLER HEATING CO.

McCormick Building CHICAGO, ILL.

CARS

376a—Waggoner Refining Co., Inc 155
Electra, Tex.
C. F. Kolp, Gen. Mgr.....Electra, Tex.

377—Waite Phillips Co. 680
P. O. Box 1262, Tulsa, Okla.
F. A. Esbaugh, Traf. Mgr.....Tulsa, Okla.

378—Walsh, John R. 24
P. O. Box 320, Savannah, Ga.

378a—Warner-Quinlan Co 143
26 Beaver St., New York, N. Y.
H. G. Riegler. Traf. Mgr..New York, N. Y.

379—Warren Bros. Co. 10
9 Cambridge St., Boston, Mass.

379a—Warren Petroleum Co 2
P. O. Box 2169, Tulsa, Okla.
P. P. McKirahan, Traf. Rep....Tulsa, Okla.

379b—Warren Refining Co. 55
Warren, Pa.
B. E. Donaldson, Traf. Mgr....Warren, Pa.

380—Washington Coal & Coke Co 40
Dawson, Pa.
H. M. McDonald, Gen. Mgr....Dawson, Pa.

380a—Wash. Co. Alfalfa Milling Co 8
Ft. Calhoun, Neb.

381—Watauga Extract Co 17
Elizabethton (Carter Co.), Tenn.

381a—Wausau Sulphate Fibre Co 76
Mosinee, Wis.
J. C. Justesen, Traf. Mgr....Mosinee, Wis.

382—Waverly Oil Works Co 63
54th St. & A. V. Ry., Pittsburgh, Pa.
C. W. Craig, Traf. Mgr.....Pittsburgh, Pa.

382a—Weirton Steel Co 287
Weirton, W. Va.
A. S. Earp, Traf. Mgr.....Weirton, W. Va.

383—Wentz Oil Corp 22
Ponca City, Okla.
E. M. Trout, Traf. Mgr. .Ponca City, Okla.

383a—Western Fruit Express Co 6406
Munsey Bldg., Washington, D. C.
H. B. Spencer, Pres ..... Washington, D. C.
E. J. Roth, Gen. Mgr..... " "
C. P. Cooper, Compt..... " "
D. R. MacLeod, Sec..... " "
R. R. Cooke, Treas..... " "
R. G. Shorter, Aud..... " "
F. E. Evans, Supt. Car Serv..... " "
J. P. Chauncey, Frt. Clm. Agt..... " "
E. A. Sweeley, Mech. Supt..Alexandria, Va.
G. D. Sullivan, Pur. Agt..Washington, D. C.

384—Western Industries Co 4
Agnew, Cal.
H. A. Nibecker, Asst. Mgr. & Supt. Agnew, Cal.

385—Western Meat Co. 6
So. San Francisco, Cal.
L. L. Foley, Traf. Mgr. So. San Francisco, Cal.

386—Western Oil Refining Co 3
310 No. Meridian St., Indianapolis, Ind.
E. P. Clark, Traf. Mgr....Indianapolis, Ind.

386a—Western Paper Makers Chemical Co ... 24
P. O. Box 853, Kalamazoo, Mich.
G. J. Bolender, Traf. Mgr. Kalamazoo, Mich.

387—West Florida Naval Stores Co. 1
Pensacola, Fla.

387a—Westinghouse Air Brake Co 25
Wilmerding, Pa.
G. W. Wildin, Gen. Mgr....Wilmerding, Pa.

388—Westinghouse Electric & Mfg. Co 38
East Pittsburgh, Pa.
P. K. Shultz, Supvr. Traf...East Pittsburgh, Pa.

CARS

1689—Westinghouse Electric & Mfg. Co 2
Lester Branch, Philadelphia, Pa.
F. M. Sutton, Traf. Mgr..Philadelphia, Pa.

1689a—Westmoreland Coal Co 2009
224 So. 3d St., Philadelphia, Pa.
R. E. Mercur, Traf. Mgr....Philadelphia, Pa.

1690—West Penn Power Co 144
P. O. Box 1223, Pittsburgh, Pa.
E. Walter, Supt.....Connellsville, Pa.

1690a—Wheatcroft Co 50
1476 Broadway, New York, N. Y.

1690b—Wheeling Steel Corp 200
Wheeling, W. Va.
A. P. Oxtoby, Gen. Traf. Mgr. Wheeling, W. Va.

1691—White Eagle Oil & Refining Co 636
Federal Reserve Bank Bldg., Kansas City, Mo.
H. L. McReynolds, Traf. Mgr. Kansas City, Mo.

1692—White Provision Co 10
Atlanta, Ga.
H. D. Deuell, Traf. Mgr.....Atlanta, Ga.

1693—White Star Refining Co 150
5950 Avery Ave., Detroit, Mich.
E. K. Davis, Traf. Mgr.....Detroit, Mich.

1694—Whitmore Manufacturing Co., The .. 2
Drawer 199, Station C, Cleveland, O.
S. G. Snyder, Traf. Mgr.....Cleveland, O.

1694a—Wilcox Co 15
3700 Milwaukee Ave., Chicago, Ill.
M. N. Brown, Traf. Mgr.....Chicago, Ill.

1694b—Wilcox Oil & Gas Co., H. F 12
Wilcox Bldg., Tulsa, Okla.
P. Schaefer, Traf. Mgr.....Tulsa, Okla.

1694c—Wilhoit Refining Co 81
P. O. Box 403, Joplin, Mo.
J. J. Harutun, Traf. Mgr.....Joplin, Mo.

1695—Wilson Car Lines 2321
41st St. & Ashland Ave., Chicago, Ill.
R. R. Hawk, Gen. Mgr.....Chicago, Ill.

1696—Wisconsin Steel Co 500
606 So. Michigan Ave., Chicago, Ill.
C. T. Bradford, Mgr. Traf.....Chicago, Ill.

1696a—Woburn Degreasing Co 3
Harrison, N. J.
R. J. Rodgers, Traf. Mgr. ..... 72 Washington St., Arlington, N. J.

1696b—Wogan, John A 5
Room 101, Orme Bldg., New Orleans, La.

1697—Wolff Packing Co., Chas 15
Crane & Quincy Sts., Topeka, Kan.
N. Nightingale, Traf. Mgr....Topeka, Kan.

1697a—Wood Products Co 102
523 Fourth St., Buffalo, N. Y.
J. V. Naber, Traf. Mgr.....Buffalo, N. Y.

1698—Wyckoff Pipe & Creosoting Co., Inc .. 1
522 5th Ave., New York, N. Y.
A. E. Mitchell, Traf. Mgr..New York, N. Y.

1699—Yale Oil Corp 45
Yale, Okla.
F. B. Hancock, Traf. Mgr.....Yale, Okla.

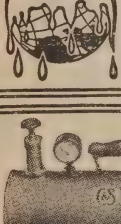
1699a—Yellowstone Packing Co 11
Box 1322, Billings, Mont.
J. B. Henderson, Gen. Mgr..Billings, Mont.

1699b—Young Co., Frank L 6
111 Purchase St., Boston, Mass.
A. V. Littlejohn, Traf. Mgr...Boston, Mass.

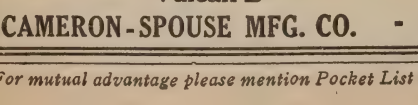
1699c—Youngstown Sheet & Tube Co., The 752
Stambaugh Bldg., Youngstown, O.
A. C. Graham, Traf. Mgr...Youngstown, O.

PETER GRAY & SONS, Inc.
Third & Binney Sts., E. Cambridge, Mass.
Manufacturers of all kinds of
Railroad Lanterns
Brass Gauge Lights, Heavy Oilers and Oil Cans
Station, Street, Switch, Semaphore and Signal Lanterns for
Interlocking and Electric Signals and Switches
CHIMNEY-LESS LONG TIME BURNERS
Send for Illustrated Catalogue

A MATERIAL INCREASE IN THE OUTPUT
of your machines could be effected by adopting
Blue Chip High Speed Steel
For all Cutting Tools
Thousands of users will tell you this!
FIRTH-STERLING STEEL COMPANY, McKeesport, Pa.



RAILWAY
PAINTS and VARNISHES
A thoroughly Reliable Line
SHERWIN-WILLIAMS
PAINTS AND VARNISHES
London Montreal Cleveland Chicago Newark
Sales Offices and Warehouses in Principal Cities



"Vulcan B"

"Vulcan B"
Railroad Torch
Length of Flame 24"
Temperature of Flame 2800°
Capacity 3 gallon kerosene

CAMERON-SPOUSE MFG. CO. - DETROIT, MICH.

EXPRESS AND TELEGRAPH COMPANIES.

00—AMERICAN RAILWAY EXPRESS CO.

General Office, 65 Broadway.
New York, N. Y.

R. E. M. Cowie, Pres ..... } 65 Broadway,
W. B. Clark, Asst. to Pres..... } New York, N.Y

F. S. Holbrook, V.-Pres.
Traffic .....46 Trinity Pl., New York, N.Y

C. A. Lutz, V.-Pres. Accounting..... } 65 Broadway
..... } New York, N. Y.

J. W. Newlean, V.-Pres. & Treas. "

L. R. Gwyn, V.-Pres.
Personnel....Gr. Cent. Term., New York, N.Y.

E. R. Merry, Jr. Sec..65 Broadway, "

H. S. Marx, Gen. Coun..... } 46 Trinity Pl.,
J. H. Butler, Gen. Mgr., Pub. Relations..... } New York, N. Y.
"

C. Black, Gen. Mgr., Real Estate..... } 65 Broadway,
..... } New York, N.Y

E. E. Bush, Mgr. Maintenance & Purchases..... } 219 E. 42nd St..
..... } New York, N. Y.

OPERATING.

EASTERN DEPARTMENTS.

C. W. Roble, V.-Pres..... } Gr. Cent. Term.,
J. R. Christie, Gen. Mgr..... } New York, N. Y

C. T. Williamson,
Gen. Mgr.....Main & Erie Sts., Buffalo, N. Y

C. H. Emery, Gen. Mgr.. } 1051 Old South Bldg., Boston, Mass.

F. J. Hickey, Gen. Mgr... } 18th & Market Sts, Philadelphia, Pa.

W. H. Dodd, Gen. Mgr. Transportation..... } Gr. Cent. Term.,
..... } New York, N. Y.

CENTRAL DEPARTMENTS.

E. A. Stedman, V.-Pres... } 58 E. Washington St.,
G. B. Simpson, Gen. Mgr. } Chicago, Ill.

G. T. Carlin, Gen. Mgr..... } 1120 Chester Ave., Cleveland, O.

W. E. Beckner, Gen. Mgr.....Ingalls Bldg., Cincinnati, O

J. H. Gates, Gen. Mgr.. } 58 E. Washington St., Chicago, Ill.

D. H. Rawson, Gen. Mgr..... } 1004 Farnam St., Omaha, Neb.

G. D. Curtis, Gen. Mgr. } Great Nor. Ry. Bldg., St. Paul. Minn.

D. T. Mervine, Gen. Mgr. Trans..... } 58 E. Washington St., Chicago, Ill.

H. A. Simms, Mech. Supt.
Car Equip..... "

SOUTHWESTERN DEPARTMENTS.

C. D. Summy, V.-Pres..... } Ry. Exch. Bldg
C. L. Chase, Gen. Mgr..... } St. Louis, Mo.

A. L. Bird, Gen. Mgr..Ry. Exch., Kansas City, Mo

G. A. Taft, Gen. Mgr. Hermann Bldg., Houston, Tex

C. W. Julier, Supt. of Transportation..... } 20th & Clark Ave., St. Louis, Mo.

SOUTHERN DEPARTMENTS.

W. G. Smith, V.-Pres..27 Luckie St., Atlanta, Ga

W. W. Owens, Gen. Mgr.... } 738 Munsey Bldg., Washington, D. C,

W. S. McFarland, Gen. Mgr.... } 27 Luckie St.,
F. E. Morris, Supt. of Trans..... } Atlanta, Ga.

WESTERN DEPARTMENTS.

A. Christeson, V.-Pres..... } 85 2nd St., San Francisco, Cal.

E. M. Whittle, Gen. Mgr..... } Central Bldg., Seattle, Wash.

C. R. Graham, Gen. Mgr.... } 85 2nd St., San Francisco, Cal.

J. F. Baker, Gen. Mgr... } 545 So. San Pedro St., Los Angeles, Cal.

A. L. Hammell, Supt. of Trans. & Traf..... } 85 2nd St., San Francisco, Cal.

1700a—CANADIAN NATIONAL EXPRESS.

General offices, Montreal, Que.

W. C. Muir, Gen. Mgr.....Montreal, Que

For other officials see Express Dept. Can. Nat. Ry., No. 137.

1701—DOMINION EXPRESS CO.

General offices, Toronto, Ont.

W. S. Stout, Pres.....Toronto, Ont
T. E. McDonnell, V.-Pres. & Gen. Mgr. "
J. E. Coulter, Asst. to V.-Pres. & Gen. Mgr..... "
H. C. Oswald, Sec.....Montreal, Que
P. A. Keeler, Treas.....Toronto, Ont
W. H. Plant, Gen. Aud..... "
O. E. Foote. Aud..... "
D. Barron, Aud..... "
H. H. Wheeler, Aud..... "
J. R. Martin, Mgr. For. Dept.....Montreal, Que
W. H. Burr, Traf. Mgr.....Toronto, Ont
H. L. Meyer, Sup. Tariffs..... "
J. Blackhall, Mgr. Financial Dept.. "
F. W. Branscombe, Gen. Supt. (Lines East.).....Montreal, Que
G. Ford, Gen. Supt. (Lines West). Winnipeg, Man

SUPERINTENDENTS.

W. M. Gordon.....Winnipeg, Man
R. Helme .....Vancouver, B. C
H. J. Palmateer..... Toronto, Ont
E. D. Riley.....Montreal, Que

ESTABLISHED 1887 INCORPORATED 190

AMERICAN SPIRAL SPRING & MFG. CO.
OF
PITTSBURGH, PA.
MANUFACTURERS
Spiral Springs for Coach, Freight and Street Cars
SPECIAL FLAT SPRINGS OF ALL KINDS

Flush or Dry Hoppers Enameled Iron or Porcelain
DUNER CAR CLOSETS
DUNER COMPANY
101 SO. CLINTON STREET -:- CHICAGO

Railroad Car and Engine Bearings, Babbitt Metal
FOUNDERS
MACHINISTS A. GILBERT & SONS BRASS FOUNDRY CO. FINISHERS
MAKERS OF
Brass, Bronze & Aluminum. Ingots-Castings-Specialties
ST. LOUIS
A WEARING METAL VELOX BRONZE FOR WEARING PARTS
GILBERT PHOSPHOR BRONZE

FOUNDED 1836
Old Dominion Iron & Steel Works, Inc.
BELLE ISLE RICHMOND, VA.
MANUFACTURERS OF
STAY BOLT AND ENGINE BOLT IRON,
ELECTRIC STEEL BARS, REFINED IRON BARS
ELECTRIC STEEL CASTINGS

Express and Telegraph Companies.—Continued.

—SOUTHEASTERN EXPRESS CO.

E. Skaggs, Pres.....Atlanta, Ga
McDaniel, V.-Pres. & Gen. Coun.. "
W. Woods, Sec. & Treas..... "
E. O'Keeffe, Aud..... "
S. Jacoby, Pur. Agt..... "
B. Williams, Traf. Mgr..... "
F. Terrell, Gen. Mgr..... ..... "
W. York, Supt..... "
H. Goodrich, Supt.....Charlotte, N. C
M. Bragg, Supt.....Chattanooga, Tenn
J. West, Supt.....Meridian, Miss
S. Hall, Supt.....Washington, D. C

—POSTAL TELEGRAPH-CABLE CO.

New York address, 253 Broadway.

H. Mackay, Pres.....New York, N. Y
Reynolds, V.-Pres. & Gen. Mgr. "
F. Skirrow, V.-Pres. & Ch. Eng. "
A. Comstock, V.-Pres..... "
C. Davlet, V.-Pres..... "
P. Tully, V.-Pres..... "
B. Dunn, Sec..... "
J. Cardona, Treas..... "
J. Kernan, Aud..... "
W. Hetzel, Trav. Aud..... "
P. O'Donahue, Traf. Eng..... "
C. Gefvert, Supt. Supplies..... "
M. Underhill, Mgr. Complt. & Claim Dept..... "

GENERAL SUPERINTENDENTS.

H. Mudge.....Chicago, Ill
W. Ribble.....Atlanta, Ga
B. Richards..... .....San Francisco, Cal

C. Hackler, Gen. Supt. Plant.....Chicago, Ill
J. Lynch, Supt. Plant.....New York, N. Y

SUPERINTENDENTS CONSTRUCTION.

J. F. Heard.....Atlanta, Ga
R. W. Truett.....New York, N. Y
H. J. Witt.....San Francisco, Cal

1704—WESTERN UNION TELEGRAPH CO.

New York address, 195 Broadway.

N. Carlton, Pres.....New York, N. Y
G. W. E. Atkins, V.-Pres..... "
E. Y. Gallaher, V.-Pres. & Compt. "
G. M. Yorke, V.-Pres. in Charge Engineering..... "
J. C. Willever, 1st V.-Pres. in Charge Com'l Dept..... "
J. J. Welch, V.-Pres. in Charge Traffic..... "
W. C. Titley, V.-Pres. in Charge Plant..... "
A. F. Burleigh, V.-Pres. & Sec... "
L. McKisick, Asst. to Pres..... "
K. O'Flanigan, Asst. Sec..... "
G. K. Huntington, Treas..... "
J. A. Dierks, Asst. Treas..... "
H. W. Ladd, Gen. Aud..... "
F. R. Stark, Gen. Atty..... "
F. W. Lienau, Supt. Tariff Bur.. "
¶ C. S. Voorhees, Gen. Pur. Agt... "
W. G. Higgins, Supt. Supplies... "
C. H. Murphy, Gen. Supt. Time Serv "

General Managers.

A. D. Bradley (Central Div.).....Omaha, Neb
T. W. Carroll (Eastern Div.).....New York, N. Y
M. T. Cook (Pacific Div.).....San Francisco, Cal
A. B. Cowan (Mountain Div.).....Denver, Col
A. C. Cronkhite (Lake Div.).....Chicago, Ill
F. A. Mohr (Gulf Div.).....Dallas, Tex
J. F. Nathan (Metropolitan Div.)..New York, N. Y
H. C. Worthen (Southern Div.).....Atlanta, Ga

1705—1799—

RAILWAY PAINTS

CHAS. R. LONG Jr. CO.

INCORPORATED.

LOUISVILLE, KENTUCKY.

VILOCO RAILWAY EQUIPMENT COMPANY

Successors to
HARRY VISSERING & CO.

TRADE VILOCO MARK

TRADE MARK
REG. U. S. PAT. OFFICE

RAILWAY SUPPLIES

CHICAGO AND BENTON HARBOR

"OKADEE" BLOW OFF AND BLOWER VALVES
"OKADEE" AUTOMATIC CYLINDER COCKS.
"OKADEE" AUTOMATIC DRAIN VALVES.
"OKADEE" FRONT END HINGES.
"OKADEE" TENDER HOSE COUPLERS.
"OKADEE" WATER GLASS PROTECTORS.
"OKADEE" REFLEX GAUGES AND GLASSES.

THE OKADEE COMPANY, Inc.

1614 Lytton Bldg., Chicago.

TIE PLUGS

William Goldie, Jr. & Co.

Manufacturers

Princess Anne, Maryland

TRACK SHIMS

1800—UNITED STATES RAILROAD ADMINISTRATION.

Headquarters—18th and Pennsylvania Avenue, N. W., Washington, D. C.

W. MELLON, Director General of Railroads and Agent of the President.
A. A. McLAUGHLIN, Assistant Director General.
A. W. STOLL, Ch. Clerk.

OFFICE OF COMPTROLLER.

, TRACY, Comptroller. | O. THACKER, Asst. to Comptroller.

DIVISION OF LAW.

A. McLAUGHLIN. General Solicitor. | ALEX. M. BULL, Commerce Attorney.
. ANDREWS, General Attorney. | M. G. DE QUEVEDO, Commerce Attorney.

TREASURER.

R. C. DUNLAP.

SHORT LINE SECTION.

F. ANDREWS, Chairman. | W. G. GOODRICH, Secretary.

1800a—INTERSTATE COMMERCE COMMISSION.

WASHINGTON, D. C.

oseph B. Eastman, of Massachusetts (Chairman).
lyde B. Aitchison, of Oregon.
altasar H. Meyer, of Wisconsin.
enry C. Hall, of Colorado.
ohn J. Esch, of Wisconsin.
ohnston B. Campbell, of Washington.
rnest I. Lewis, of Indiana.
rederick I. Cox, of New Jersey.
rank McManamy, of District of Columbia.
homas F. Woodlock, of New York.
ichard V. Taylor, of Alabama.
eo. B. McGinty, Secretary.
lfred Holmead, Asst. Secretary.
. A. Gillis, Asst. to Sec.
. Leo Haden, Chief Clerk & Pur. Agt.
7. M. Lockwood, Disb. Clerk.

J. B. Switzer, Appointment Clerk and Personnel Officer.
Alexander Wylie Dir. Accts.
C. D. Mahaffie, Dir. Finance.
U. Butler, Ch. Examiner.
Arja Morgan, Ch. Bu. Informal Cases.
J. J. Hickey, Ch. Bureau Inquiry.
P. J. Farrell, Ch. Coun.
A. G. Pack, Ch. Bu. Loco. Insp.
W. P. Borland, Dir. Bureau Safety.
E. H. De Groot, Jr., Dir. Bur. Sig. & Tr. Control Devices.
W. P. Bartel, Dir. Service.
M. O. Lorenz, Dir. Statistics.
W. V. Hardie, Dir. Traffic.
Charles F. Staples, Act. Dir. Valuation.

1800b—UNITED STATES RAILROAD LABOR BOARD.

Ben W. Hooper, Chairman. } 608 S. Dearborn St.
. W. W. Hanger, V.-Chman } Chicago, Ill.
E. P. Morrow..... "
Horace Baker..... "
. H. Elliott..... "
E. F. Grable,..... "
W. L. McMenimen..... "

S. Higgins..... } 608 S. Dearborn St.
A. O. Wharton..... } Chicago, Ill.
L. M. Parker, Secretary..... "
R. F. Cole, Asst. Sec..... "
M. W. Hart, Ch. Stat..... "
H. H. Reed, Supvr. Dockets. "

FORT PITT SPRING & MANUFACTURING CO.

GENERAL OFFICE AND WORKS McKees Rocks, Pittsburgh, Pa.

NEW YORK OFFICE: 452 LEXINGTON AVENUE

Manufacturers of

Coil and Elliptic Springs for Passenger, Freight and Electric Railway Service.

REBUILT EQUIPMENT

LOCOMOTIVES, STEAM SHOVELS, CRANES, CARS, COACHES, RAIL, ETC.

LARGE ASSORTMENT IN STOCK
REBUILT IN OUR OWN SHOPS

SOUTHERN IRON & EQUIPMENT CO.

ATLANTA EST. 1889 GEORGIA

RAILWAY PAINTS FOR EVERY PURPOSE

PITTSBURGH Proof PRODUCTS

Manufactured by

PITTSBURGH PLATE GLASS CO.

MILWAUKEE, WIS. NEWARK, N.J. PORTLAND, ORE. LOS ANGELES, CAL.

THE MORE-JONES FOUNDRIES

Are equipped for the manufacture of clean, sound, uniform castings in

BRASS, BRONZE, GUN METAL, ALUMINUM

Efficient Workmen, Intelligent Supervision, and Modern Appliances make it possible to turn out these "QUALITY CASTINGS" rapidly and promptly and at consistently low prices.

More-Jones Brass and Metal Co., St. Louis, Mo.

STATE RAILROAD COMMISSIONS.

801—ALABAMA—PUBLIC SERVICE COMMISSION.

A. G. Patterson, Pres.....Montgomery, Ala
F. H. Lee..... "
F. P. Morgan..... "
J. Brandon, Sec..... "
Hugh White, Attorney..... "
J. H. Alldredge, Rate Expert... "
I. F. McDonnell, Chief Eng.... "

801a—ARIZONA—CORPORATION COMMISSION

L. Vaughn, Chairman.....Phoenix, Ariz
A. A. Betts..... "
W. D. Claypool..... "
F. J. K. McBride, Sec..... "
L. G. Relf, Rate Expert..... "
C. F. King, Asst. Sec..... "

802—ARKANSAS R. R. COMMISSION.

E. Harper, Chairman.....Little Rock, Ark
H. Earhart..... "
C. S. Henderson..... "
G. Hays, Sec..... "

803—CALIFORNIA—R. R. COMMISSION OF.

H. W. Brundige, Pres... } California State Bldg.,
C. L. Seavey..... } San Francisco, Cal.
L. O. Whitsell..... "
E. W. Decoto..... "
H. G. Mathewson, Sec.... "
C. I. Wheat, Atty..... "

804—

805—COLORADO—PUBLIC UTILITIES COMMISSION OF.

F. P. Lannon, Chairman..... } 318 State Office
O. Bock..... } Bldg., Denver, Col
D. S. Jones..... "
J. W. Flintham, Sec..... "

806 — CONNECTICUT — PUBLIC UTILITIES COMMISSION.

R. T. Higgins, Chairman...West Hartford, Conn
C. C. Elwell.....New Haven, Conn
J. W. Alsop.....Avon, Conn
H. F. Billings, Sec.....Hartford, Conn

807—DELAWARE—No reports required.

808—FLORIDA R. R. COMMISSION.

R. H. Burr, Chairman.....Tallahassee, Fla
E. S. Matthews..... "
A. S. Wells..... "
L. G. Thompson, Sec..... "
F. H. Davis, Coun..... "
F. Pettijohn, Acct..... "
J. H. Tench, Rate Expert..... "
A. B. Greene, Tel. Eng..... "

809—GEORGIA—PUBLIC SERV. COMMISSION.

J. A. Perry, Chairman.....Atlanta, Ga
W. R. McDonald, Vice-Chairman.. "
O. R. Bennett..... "
J. T. Boifeuillet..... "
O. Roberts.....Atlanta, Ga
R. N. Springfield, Sec..... "
W. E. Watkins, Spec. Atty..... "
E. M. Price, Rate Expert..... "

1810—IDAHO—PUBLIC UTILITIES COMMISSION.

J. M. Thompson, Pres.....Caldwell, Idaho
W. H. Gibson.....Mountain Home, Idaho
F. E. Smith.....Orofino, Idaho
A. M. McConnell, Sec.....Boise, Idaho

1811—ILLINOIS—COMMERCE COMMISSION,

F. L. Smith, Chairman.....Dwight, Ill
C. J. Lindly.....Greenville, Ill
H. W. Trovilion.....Herrin, Ill
P. H. Moynihan.....Chicago, Ill
E. H. Wright..... "
W. Burkhardt..... "
W. J. Smith.....Waukegan, Ill
J. Johnson, Sec.....Springfield, Ill
F. A. Heermans, Asst. Sec..... "
W. M. Hammond, Ch. Acct..... "
C. G. Bennett, Ch. Eng..... "
H. M. Slater, Trans. Rate Expert. "
H. E. Wood, Supvr. Orders..... "

1812—INDIANA—PUBLIC SERVICE COMMISSION OF.

J. W. McCardle, Chairman.....Indianapolis, Ind
S. R. Artman..... "
F. Wampler..... "
F. T. Singleton..... "
C. H. Jones..... "
H. Ellis, Sec..... "

1813—

1814—IOWA—BOARD OF R. R. COMMISSIONERS

D. Lewis, Chairman.....Des Moines, Ia
C. Webster.....Waucoma, Ia
B. M. Richardson.....Cedar Rapids, Ia
G. L. McCaughan, Sec.....Des Moines, Ia
J. H. Henderson, Com. Coun.....Indianola, Ia
H. A. Franklin, Sig. Eng.....Des Moines, Ia
G. Charlesworth, Elec. Eng..... "

1815 — KANSAS — PUBLIC SERVICE COMMISSION.

L. T. Hussey, Chairman.....Topeka, Kan
C. Smith..... "
F. O'Brien..... "
J. W. Greenleaf..... "
W. C. Millar..... "
E. N. Cummings, Sec..... "
A. M. Corp, Rate Expert & Stat.... "
M. J. Healy, Atty..... "
J. N. Atkinson, Ch. Acct..... "
J. H. Fletcher, Ch. Eng..... "

1816—KENTUCKY—R. R. COMMISSION.

O. Vest, Chairman.....Carrollton, Ky
M. R. Glenn.....Dawson Springs, Ky
I. Wilder.....Booneville, Ky
R. Tobin, Sec.....Frankfort, Ky
T. J. Ryan, Rate Clerk.....Louisville, Ky

TURNTABLE TRACTOR

ELECTRIC - PNEUMATIC - GASOLINE

THE TWO WHEEL TRACTOR specially adapted to operate tables handling heavy modern locomotives.

R. W. YOUNG MANUFACTURING CO.

111 W. MONROE STREET - - CHICAGO

"Axle Specialists Since 1866"
Address all Mail to Post Office Box 515, Richmond, Va.

CAR AXLES

J. R. JOHNSON AND CO., INC.

FORGED STEEL AXLES

For Locomotives, Passenger, Freight and Electric Cars
Smooth Forged or Rough Turned—Carbon or Alloy Steel—Plain or Heat Treated, Forged and Turned Piston Rods, Crank Pins, Large Shafts, Round Bars, etc.

"Pearce" Journal Truing Machine

Saves removing wheels, PORTABLE
Perfectly trues Journals ON THE CAR
Saves transportation expenses

Write for catalogue

W. C. DUNN CO., 832 West 6th St., CINCINNATI, OHIO

817—LOUISIANA—PUBLIC SERVICE COMMISSION.

H. P. Long, Chairman.....Shreveport, La
S. Taylor.....Baton Rouge, La
F. Williams.....New Orleans, La
H. Jastremski, Sec.....Baton Rouge, La

818—MAINE—PUBLIC UTILITIES COMMISSION.

C. E. Gurney, Chairman.....Augusta, Me
H. W. Trafton.....Fort Fairfield, Me
A. Greenlaw.....Eastport, Me
G. F. Giddings, Clerk.....Augusta, Me
J. E. Goodwin, Acting Ch. Eng..... "
F. J. McArdle, Ch. of Rate Dept.... "
A. E. Lamb, Ch. Acct..... "
E. E. Parkman, Ch. Insp..... "

819—MARYLAND—PUBLIC SERVICE COMMISSION OF.

H. E. West, Chman..... } 1721 Munsey
J. Frank Harper..... } Bldg., Baltimore, Md.
E. B. Whitman..... }
F. Harper, Exec. Sec..... "
T. J. Tingley, Peoples Coun..... "

820—MASSACHUSETTS — DEPARTMENT OF PUBLIC UTILITIES.

H. C. Attwill, Chairman.....Lynn, Mass
E. E. Stone.....Springfield, Mass
L. F. Hardy.....Huntington, Mass
Lewis Goldberg.....Brookline, Mass
H. G. Wells.....Haverhill, Mass
A. A. Highlands, Sec..... } 167 State House, Boston, Mass.
A. Brooks, Asst. Sec..... }
D. F. Davies, Ch. Acct..... "
H. W. Hayes, Ch. Eng..... "
H. W. Seward, Ch. Insp. Div..... "
W. H. O'Brien, Ch. of Tel. & Tel. Div. "
C. Peter Clark, Ch. Rate & Tariff Div. "

821—MICHIGAN — PUBLIC UTILITIES COMMISSION.

S. T. Handy, Chairman.....Lansing, Mich
R. Duff..... "
S. D. Pepper..... "
S. Odell..... "
W. W. Potter..... "
J. Thompson, Act. Sec..... "
J. Bice, Ch. Insp. Eng..... "
F. M. Wintermute, Ch. Rate Insp. "

822—MINNESOTA R. R. AND WAREHOUSE COMMISSION.

O. P. B. Jacobson .....St. Paul, Minn
I. Bowen..... "
F. W. Matson..... "
T. Yapp, Sec..... "
G. G. Grant, Asst. Sec..... "
D. F. Jurgensen, Eng..... "
A. L. Flinn, Rate Expert..... "

823—MISSISSIPPI R. R. COMMISSION.

S. B. Alexander, Pres.....Rolling Fork, Miss
D. C. Holmes.....McComb, Miss
W. F. Lagrone.....West Point, Miss
O. B. Quin, Jr., Sec.....Jackson, Miss
M. C. Moore, Rate Expert..... "

824—MISSOURI PUBLIC SERVICE COMMISSION.

T. J. Brown, Chairman.....Jefferson City, Mo
A. Ing..... "
D. F. Calfee..... "
S. M. Hutchison..... "
J. H. Porter..... "
L. Brunk, Sec..... "
D. D. McDonald, Gen. Coun.. "
J. P. Painter, Asst. Coun..... "
V. E. Smart, Ch. Dept. Trans.. "

825—MONTANA, BOARD OF R.R. COMMISSIONERS OF.

S. M. Ross, Chairman.....Helena, Mont
Dan Boyle..... "
L. C. Young..... "
E. G. Toomey, Sec. & Coun..... "

826—NEBRASKA STATE RY. COMMISSION.

T. A. Browne, Chairman.....Lincoln, Neb
C. A. Randall..... "
H. G. Taylor..... "
J. E. Curtiss, Sec..... "
Hugh La Master, Coun..... "
B. E. Forbes, Ch. Eng..... "
U. G. Powell, Rate Expert..... "

827—NEVADA—PUBLIC SERVICE COMMISSION OF.

J. F. Shaughnessy, Chairman...Carson City, Nev
W. H. Simmons.....Reno, Nev
R. A. Allen.....Carson City, Nev
Frank B. Warren, Sec..... "
F. O. Broili, Eng.....Reno, Nev

828—NEW HAMPSHIRE PUBLIC SERVICE COMMISSION.

W. T. Gunnison, Chairman.....Rochester, N. H
J. W. Storrs.....Concord, N. H
F. H. Brown..... "
M. N. Griffin, Asst. Clerk..... "

829—NEW JERSEY BOARD OF PUBLIC UTILITY COMMISSIONERS.

Jos. F. Autenrieth, Pres.....Jersey City, N. J
Frederick W. Gnichtel.....Trenton, N. J
C. Browne.....Princeton, N. J
A. N. Barber, Sec.....Trenton, N. J

829a—NEW MEXICO—STATE CORPORATION COMMISSION OF.

Bonifacio Montoya, Chairman....Santa Fe, N. M
Eloy D. Trujillo..... "
Hugh H. Williams..... "
F. C. de Baca, Clerk..... "
A. S. Roughton, Rate Clerk..... "

830—NEW YORK — PUBLIC SERVICE COMMISSION.

W. A. Prendergast, Chairman.....Albany, N. Y
W. R. Pooley..... "
C. Van Voorhis..... "
G. R. Van Namee..... "
G. R. Lunn..... "
H. M. Ingram, Executive Officer... "
C. G. Blakeslee, Counsel..... "
F. E. Roberts, Secretary..... "

830a—TRANSIT COMMISSION.

George McAneny, Chairman. } 270 Madison Ave.
LeRoy T. Harkness..... } New York, N. Y
John F. O'Ryan..... "
Philip Mathews, Ch. Executive Officer..... "
James B. Walker, Sec..... "
L. W. Stotesbury, Counsel..... "
William C. Lancaster, Ch. Eng.
Daniel L. Turner, Consult. Eng. "

St. Louis Surfacer & Paint Co.

Arlington Ave. & Terminal Belt Line, St. Louis, Mo.

Manufacturers of

High Grade Paints, Enamels, Colors and Varnishes for every Railroad Purpose

JAMES B. SIPE & CO.

SIPE'S JAPAN OILS -:- SIPE'S COMBINATION JAPAN OIL

SIPE'S JAPAN SPIRITS -:- SIPE'S ENAMELOIL and

RAILWAY PAINT SPECIALTIES

GENERAL OFFICES

Chamber of Commerce Bldg., Pittsburgh, Pa.

BUFFALO STEEL CAR COMPANY

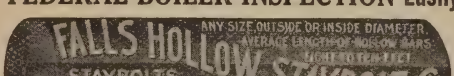
INCORPORATED

Rebuild and Repair Freight Cars

Steel Underframes

P. O. Box 465 **Buffalo, New York**

FEDERAL BOILER INSPECTION Easily taken care of by



Falls Hollow Stays

They eliminate drilling expenses and make unfailing tell-tales on fractured or broken stays. They possess double the endurance of solid stays, and are a proof without test against broken stays.

81—NORTH CAROLINA CORPORATION COMMISSION.

W. T. Lee, Chairman.....Raleigh, N. C
A. J. Maxwell..... "
Geo. P. Pell..... "
R. O. Self, Clerk..... "
W. G. Womble, Rate Clerk..... "

82—NORTH DAKOTA—BOARD OF R.R. COMMISSIONERS.

. Milhollan, Pres.....Bismarck, N. D
. W. McDonnell.....Kensal, N. D
ay Harding.....Bismarck, N. D
. H Calderhead, Sec..... "
. A. Hagen, Ch. Clerk,..... "
. M. Hendricks, Traffic Expert. "
. H. Morris, Ch. Eng..... "

83—OHIO—PUBLIC UTILITIES, COMMISSION OF.

has. C. Marshall, Chairman..... { State Office
eo. T. Poor..... { Bldg.,
rank B. Mauliar..... { Columbus, O
. B. Dugan, Sec..... "
. S. Archer, Asst. Sec..... "
W. Bricker, Attorney..... "
. H. Hanna, Statistician..... "
W. Herrold, Supt., Bureau Rates & Service..... "

84—OKLAHOMA—CORPORATION COMMISSION.

Capshaw, Chairman.....Oklahoma City,
R. Hughes..... { Okla
ank Carter..... { "
Riseling, Act. Sec..... "

85—OREGON—PUBLIC SERVICE COMMISSION OF.

omas K. Campbell, Chairman...Portland, Ore
len H. Corey.....Baker, Ore
ward Ostrander.....Portland, Ore
F. Forbes, Jr., Sec.....Salem, Ore

86—PENNSYLVANIA—PUBLIC SERVICE COMMISSION.

n. D. B. Ainey, Chairman.....Harrisburg, Pa
R. Shelby.....Uniontown, Pa
S. Benn.....Philadelphia, Pa
W. Brown.....Lancaster, Pa
. Stewart.....Harrisburg, Pa
W. Martin.....Pittsburgh, Pa
. Hopwood, Sec.....Harrisburg, Pa
. Weiss, Asst. Coun..... "
n P. Dohoney, Ch., Bureau of ccidents..... "
. Snow, Ch., Bureau of Eng.. "
. Eckenscher, Ch., Bureau Rates & Tariffs..... "
E. Morgal, Ch., Bur. of Accts. Statistics..... "
. Vale, Ch., Bureau of Public onvenience..... "

87—RHODE ISLAND—PUBLIC UTILITIES COMMISSION.

oom 122, State House, PROVIDENCE, R. I.
. C. Bliss, Chairman.....Providence, R. I
. E. Hudson..... "
. F. Rodman..... "
rge A. Carmichael, Sec..... "

88—SOUTH CAROLINA—R. R. COMMISSION OF.

Frank W. Sheely, Chairman.....Columbia, S. C
John G. Richards..... "
John C. Coney..... "
Earle R. Ellerbe..... "
James N. Pearman..... "
S. C. Blease..... "
J. H. Nance..... "
J. P. Darby, Sec..... "

89—SOUTH DAKOTA BOARD OF R. R. COMMISSIONERS.

J. W. Raish, Chairman..... { Capitol Bldg.
J. J. Murphy, Vice-Chairman.... { Pierre, S. D.
D. E. Brisbine..... "
E. F. Norman, Sec..... "
R. L. Dillman, Coun..... "
D. L. Kelley, Rate Exp..... "
C. A. Carr, Rate Exp..... "
Ross Miller, Engineer..... "
H. A. Hanson, Statistician..... "

90—TENNESSEE R.R. & PUBLIC UTILITIES COMMISSION OF NASHVILLE, TENN.

H. H. Hannah, Chairman.....Nashville, Tenn
Julian H. Campbell..... "
Porter Dunlap..... "
D. B. Thomas, Sec..... "
J. O. Hendley, Rate Expert..... "
F. G. Proutt, Consulting Eng.... "
McGregor Smith, Eng..... "
M. Williams, Asst. Eng..... "
S. P. Anderson, Aud..... "
H. B. Stout, Atty..... "
T. G. Ray, Acct..... "

91—TEXAS—R. R. COMMISSION OF.

Clarence E. Gilmore, Chairman.....Austin, Tex
C. V. Terrell..... "
L. A. Smith..... "
C. F. Petet, Secretary..... "
W. W. Smithey, Aud..... "
O. D. Hudnall, Rate Expert, Inter-State Matters..... "
C. R. McNamee, Expert Rate Clerk. "
L. A. Gueringer, Ch. Eng. R. R. Div. "
R. D. Parker, Ch. Eng. Utilities Div. "
H. E. Bell, Ch. Supvr. Oil & Gas Div. "

91a—UTAH—PUBLIC UTILITIES COMMISSION OF.

E. E. Corfman, President....Salt Lake City, Utah
T. E. McKay..... "
G. F. McGonagle..... "
Frank L. Oster, Sec..... "
D. O. Rich, Acct..... "

92—VERMONT PUBLIC SERVICE COMMISSION.

H. B. Shaw, Chairman.....Burlington, Vt
E. H. Porter.....Wilmington, Vt
E. H. West.....Dorset, Vt
H. R. Bell, Clerk.....Montpelier, Vt

93—VIRGINIA-STATE CORPORATION COMMISSION.

B. D. Adams, Chairman.... { State Office Bldg.,
L. Hooker..... { Richmond, Va.
L. S. Epes..... "
R. T. Wilson, Secretary..... "

MT. VERNON CAR MFG. CO.

MANUFACTURERS OF

Freight Cars of Every Description, both Steel and Wood, Car Wheels, Castings, Forgings, Brake Beams, Carlines, Pressed Steel Repair Parts for Freight Cars

Capacity 10,000 Cars, 150,000 Wheels, 20,000 tons Forgings per annum

MT. VERNON, ILL.

THE PRENDERGAST COMPANY

MARION, OHIO.

Oak and Fir Car Material, Timbers, Ties and Piling.

DUST GUARDS

W. N. THORNBURGH MFG. CO.

CICERO, ILL.

STAR HEADLIGH AND LANTERN CO

The Oldest Head Light Co. in existence.

ROCHESTER, N. Y.

Manufacturers of

HEAD LIGHTS of Every Descripti

39 R. R. Lanterns, Switch Lamps, Etc., Etc.

Write for our Handsome Illustrated Catalogue

3—WASHINGTON—DEPARTMENT OF PUBLIC WORKS.

. C. Denney, Director..... { Olympia,
.O. Cabierhead, Supvr. Transportation { Wash
. Rea Moore, Supvr. Public Utilities... "
. E. Van Etten, Sec..... "
. O. Berger, Traffic Expert..... "
. C. Brodie, Counsel..... "
. Rupp, Ch. Eng..... "

4—WEST VIRGINIA—PUBLIC SERVICE COMMISSION.

mes J. Divine, Chairman. { Capitol Bldg.,
. E. Nethken..... { Charleston, W. Va
Wade Coffman..... "
redona Gluesenkamp, Sec.... "

1845—WISCONSIN—R.R. COMMISSION OF.

Lewis E. Gettle, Chairman.....Madison, Wis
Adolph Kanneberg..... "
A. R. McDonald..... "
W. M. Dinneen, Sec..... "

1846—WYOMING—BOARD OF EQUALIZATION OF AND PUBLIC SERVICE COMMISSION OF.

M. Groshon, Chman. .....Cheyenne, Wyo
C. L. Draper..... "
T. J. Carroll..... "
J. F. Cooper, Secretary..... "

1847—

DOMINION OF CANADA.

8—CANADA, DOMINION OF.

Department of Railways and Canals.

on. Chas. A. Dunning, Minister.....Ottawa, Ont
A. Bell, Deputy Minister..... "
W. Yates, Asst. Deputy Minister. "
W. Pugsley, Sec..... "
. V. Cope, Compt..... "
E. Dubuc, Ch. Eng..... "
F. Alward, Counsel..... "
H. Fraser, Right of Way Agent.. "

—BOARD OF RAILWAY COMMISSIONERS

CENTRAL STATION, OTTAWA, ONT.

A. McKeown, Ch. Commr.... ..Ottawa, Ont
. McLean, Asst. Ch. Commr..... "
Vien, Deputy Ch. Commr..... "

A. C. Boyce, Commr.....Ottawa, Ont
Calvin Lawrence, Commr..... "
F. Oliver, Commr..... "
A. D. Cartwright, Sec..... "
E. A. Primeau, French Asst. Sec..... "
R. Richardson, Asst. Sec. & Registrar. "
A. G. Blair, Coun..... "
T. L. Simmons, Ch. Eng..... "
H. A. K. Drury, Asst. Ch. Eng..... "
J. Murphy, Elec. Eng..... "
W. E. Campbell, Ch. Traf. Officer.... "
G. A. Brown, Asst. Ch. Traf. Officer.. "
G. Spencer, Ch. Oper. Officer..... "
C. Leavitt, Ch. Fire Insp. ..... "

PROVINCIAL RAILWAY COMMISSIONERS OF CANADA.

—BRITISH COLUMBIA DEPARTMENT OF RAILWAYS—

. W. H. Sutherland, Minister of { Victoria,
ailways..... { B. C
Griffith, Deputy Minister & Ch. Eng "
. Rae, Ch. Insp. Equip..... "
cFee, Asst. Insp ..... "
. Short, Asst. Insp..... "
I. Campbell, Chief Clerk..... "

—MANITOBA PUBLIC UTILITIES COMMISSION.

liament Bldg., WINNIPEG, MANITOBA.

. McLeod, Municipal Comr. & { Winnipeg,
blic Utility Comr ..... { Manitoba
acob, Sec. Pub. Utility Comm.... "

—NEW BRUNSWICK BOARD OF COMMISIONERS OF PUBLIC UTILITIES.

NEW BRUNSWICK.

Trueman, Chairman.....St. John, N. B
Burpee.....Fredericton N. B
LeBlanc.....Buctouche, N. B
rle Logan, Sec.....St. John, N B

1849d—NOVA SCOTIA BOARD OF COMMISSIONERS OF PUBLIC UTILITIES.

Technical College Bldg., HALIFAX. N. S.

John U. Ross, Chairman.....Pictou, N.S
Robert T. MacIlreith, Vice Chairman..... .....Halifax, N.S
Parker Coipitt.....34 Coburg Road, "
Laura B. Taylor, Sec ..... "

1849f—ONTARIO RAILWAY AND MUNICIPAL BOARD. TORONTO, ONTARIO.

D. M. McIntyre, K. C., Chairman..Toronto, Ont
A. B. Ingram, Vice-Chairman..... "
J. A. Ellis, Commr..... "
H. C. Small, Sec..... "
H. W. Middlemist, Eng. B. & S.... "
F. Dagger, Supvr. Tel. Systems.... "
J. A. McDonald, Insp. Tel. Serv... "
E. Crosland, Insp. of Rys..... "

1849g—QUEBEC PUBLIC SERVICE COMMISSION. QUEBEC, QUE.

Adrien Beaudry, President.....Montreal, Que
A. W. G. Macalister..... ....Quebec, Que
F. C. Laberge .....Montreal, Que
M. Jos. Ahern, Sec.....Quebec, Que
A. Lariviere, Ch. Eng..... "

Tennessee Charcoal Bloom Staybolt Iron
Round Edge Spring Hanger Iron
Rounds, Hexagons, Squares, Flats

EWALD IRON COMPANY
INCORPORATED
LOUISVILLE
CHICAGO NEW YORK ST. PAUL

FREDERICK
AUTOMATIC CYLINDER COCKS
AUTOMATIC BLOWER DRAIN VALVES
AUTOMATIC WATER GAUGES
AUTOMATIC DRAIN COCKS
CENTRIFUGAL PUMPS FOR ALL PURPOSES
FLEXIBLE COUPLINGS
PATENTED COAL SEPARATORS
THE FREDERICK IRON & STEEL COMPAN
FREDERICK, MARYLAND

MASSEY CONCRETE PRODUCTS CORPORATIO
CANADIAN CONCRETE PRODUCTS CO., LTD.
Peoples Gas Bldg., Chicago Transportation Bldg., Montre
Sales Offices: New York, Cincinnati, St. Louis, Atlanta, Los Angeles, San Francisco
REINFORCED CONCRETE PRODUCTS
CULVERT PIPE PILING
CRIBBING BRIDGE SLABS
PORTABLE HOUSES
BATTERY WELLS POLES

Plants at
Newark, N. J. Montgomery, Al
Colton, Cal. Minneapolis, Min
Chicago, Ill. Spokane, Was
Belleville, Ont. Memphis, Ten
Chatham, Ont. Kansas City, Kai
Dallas, Tex. Salt Lake City, Ut

PITTSBURGH STEEL FOUNDRY CORI
GLASSPORT, PA.
Manufacturers of
Cast Steel Truck Bolsters
Cast Steel Body Bolsters
Cast Steel End Sills
Cast Steel Spring Plan
Cast Steel Draft Sills
Cast Steel Side Frames

1850—AMERICAN RAILWAY ASSOCIATION.

COMPRISING—

AMERICAN ASSOCIATION OF FREIGHT AGENTS.
AMERICAN ASSOCIATION OF RAILWAY SURGEONS.
AMERICAN RAILWAY MASTER MECHANICS' ASSOCIATION.
AMERICAN RAILWAY PERISHABLE FREIGHT ASSOCIATION.
ASSOCIATION OF RAILWAY TELEGRAPH SUPERINTENDENTS.
ASSOCIATION OF TRANSPORTATION AND CAR ACCOUNTING OFFICERS.
FREIGHT CLAIM ASSOCIATION.
INTERNATIONAL ASSOCIATION OF RAILWAY SPECIAL AGENTS AND POLICE.
MASTER CAR AND LOCOMOTIVE PAINTERS' ASSOCIATION.
MASTER CAR BUILDERS' ASSOCIATION.
RAILWAY SIGNAL ASSOCIATION.
RAILWAY STOREKEEPERS' ASSOCIATION.
Annual Meeting—

OFFICERS.

H. AISHTON, President, 431 So. Dearborn St., Chicago, Ill.
G. BESLER, 1st Vice-President (Pres., C. R. R. of N. J.), New York, N.Y.
LE HOLDEN, 2nd Vice-President (Pres., C., B. & Q. R. R.), Chicago, Ill.
FRED P. THOM, Gen. Coun., 17th & H. Sts., N. W., Washington, D. C.
J. FORSTER, Secretary & Treas... 30 Vesey St., New York N. Y.; 431 So. Dearborn St., Chicago, Ill.; 17th & H. Sts., N. W., Washington, D. C.

BOARD OF DIRECTORS.

W. ATTERBURY (Pres., P. R. R.), Philadelphia, Pa.
W. BALDWIN (Pres., Mo. Pac. R. R.), St. Louis, Mo.
W. BEATTY (Pres., Can. Pac. Ry.), Montreal, Que.
G. BESLER (Pres., C. R. R. of N. J.), New York, N. Y.
E. BYRAM (Recr., C., M. & St. P. Ry.), Chicago, Ill.
R. COLE, (Pres., L. & N. R. R.), Louisville, Ky.
E. CROWLEY (Pres., N. Y. Cent. Lines), New York, N. Y.
M. DAVIS (Pres., D., L. & W. R. R.), New York, N. Y.
WARD ELLIOTT (Chmn., No. Pac. Ry.), New York, N. Y.
R. GRAY (Pres., Union Pacific System), Omaha, Neb.
RFAX HARRISON (Pres., So. Ry. Sys.), Washington, D. C.
LE HOLDEN (Pres., C., B. & Q. R. R.). Chicago, Ill.
J. HUSTIS (Pres., B. & M. R. R.), Boston, Mass.
S. LOOMIS (Pres., Lehigh Valley R. R.), New York, N. Y.
T. MARKHAM (Pres., I. C. R. R.), Chicago, Ill.
J. NEEDLES (Pres., N. & W. Ry.), Roanoke, Va.
. PEARSON (Pres., N. Y., N. H. & H. R. R.) New Haven, Conn.
R. SCOTT (Pres., Southern Pacific, Texas-Louisiana Lines), Houston, Tex.
B. STOREY (Pres., A., T. & S. F. Ry. System), Chicago, Ill.
H. W. THORNTON, K.B.E. (Chmn. of Bd. of Dir. & Pres., C.N. Ry.), Montreal, Can.
IEL WILLARD (Pres., B. & O. R. R.), Baltimore, Md.

EXECUTIVE COMMITTEE.

ISION I—OPERATING—
. R. GRAY (Pres. Union Pacific System), Omaha, Neb.
ISION II—TRANSPORTATION—
S. J. PEARSON (President, N. Y., N. H. & H. R. R.), New Haven, Conn.
ISION III—TRAFFIC—
. H. MARKHAM (President I. C. R. R.), Chicago, Ill
ISION IV—ENGINEERING—
. W. BALDWIN (Pres., Mo. Pac. R. R.), St. Louis, Mo.
ISION V—MECHANICAL—
V. W. ATTERBURY (Pres., P. R. R.), Philadelphia, Pa.
ISION VI—PURCHASES AND STORES—
V. G. BESLER (Pres., Central R. R. of N. J.), New York, N. Y.
ISION VII—FREIGHT CLAIMS—
I. E. BYRAM (Recr., Chicago, Mil. & St. Paul Ry.), Chicago, Ill.

PRUETT-SCHAFFER CHEMICAL CO.

MANUFACTURING SPECIALISTS

INSULATING MATERIALS
BAKING ENAMELS and JAPANS
AIR DRYING JAPANS
"REALIN" PAINT OIL
P. & S. STANDARD CONDUIT ENAMEL

Realin,
The Standard Railway
PAINT OIL
PITTSBURGH, PA.

PAINT THINNERS
R. R. PAINTS and DRYIN OILS
ROOF and STACK COATINGS
ASPHALTUMS
MILL and STRUCTURAI PAINTS

MICRO MACHINE COMPANY
BETTENDORF, IOWA
MANUFACTURERS OF
RAILROAD INTERNAL GRINDERS

A Micro Installation Pays Every Step of Its Way

CAR STEPS CAR PLATFORMS
THRESHOLDS
FERALUN
Anti-Slip Treads
AMERICAN ABRASIVE METALS CO., 50 Church St., New York

1850—American Railway Association—Continued.

COMMITTEE ON NOMINATIONS.

E. SCHAFF, Chairman (Pres., Missouri-Kansas-Texas R. R.), St. Louis, Mo.
J. JACKSON (Pres., Chic. & East Ill. Ry.), Chicago, Ill.
LPH BUDD (President, Great Northern Ry.), St. Paul, Minn.
T. DICE (Pres. Reading Co.), Philadelphia, Pa.
ISHA LEE (Vice-Pres., P. R. R.), Philadelphia, Pa.

1850A—DIVISION I—OPERATING.

J. PELLEY, Chairman (V.-Pres., Ill. Cent. R. R.), Chicago, Ill.
C. CAVISTON, Secretary, 30 Vesey St., New York, N. Y.

FREIGHT STATION SECTION.

T. SPEAR, Chairman (Agent, C., St. P., M. & O. Ry.), St. Paul, Minn.
LAUGHLIN, 1st Vice-Chairman (Agent, Erie R. R.), Cleveland, O.
B. INGERSOLL, 2nd Vice-Chairman (Agent, Wabash Ry.), Chicago, Ill.
O. WELLS, Secretary, 431 South Dearborn St., Chicago, Ill.
Next Meeting—

MEDICAL AND SURGICAL SECTION.

J. L. BOWER, Chairman (Ch. Med. Exam., P. R. R.), Philadelphia, Pa.
W. H. BOHART, 1st Vice-Chairman (Ch. Surg., C. & E. Ill. R. R.), Chicago, Ill.
E. V. MILHOLLAND, 2nd Vice-Chairman (Med. & Surg. Dir., B. & O. R. R.), Baltimore, Md.
C. CAVISTON, Secretary, 30 Vesey St., New York, N. Y.
Next Meeting—

PROTECTIVE SECTION.

W. MORRISON, Chairman (Supt. Police, A. C. L. R. R.), Wilmington, N. C.
. GALE, 1st Vice-Chairman (Ch. Spec. Agt. U. P. R. R.), Omaha, Neb.
. PRATT, 2nd Vice-Chairman (Ch. Spec. Agt., C. B. & Q. R. R.), Chicago, Ill.
. CAVISTON, Secretary, 30 Vesey St., New York, N. Y.
Next Meeting—Mt. Royal Hotel, Montreal, Can., June 23-24, 1926.

SAFETY SECTION.

ERT SCOTT, Chairman (Dir. of Ins. & Saf., A. C. L. R. R.), Wilmington, N. C.
. CARROW, 1st Vice-Chairman (Supvr. Safety, P. R. R.), Philadelphia, Pa.
. SHEDD, 2nd Vice-Chairman (Supt. Safety, C. R. I. & P. Ry.), Chicago, Ill.
. CAVISTON, Secretary, 30 Vesey St., New York, N. Y.
Next Meeting—

TELEGRAPH AND TELEPHONE SECTION.

A. SHEPARD, Chairman (Gen. Supt., Elec. Trans. & Comm., N. Y., N. H. & H. R. R.), New Haven, Conn.
. JONES, 1st Vice-Chairman (Gen. Supt. Tel. So. Ry. Sys.), Washington, D.C.
ROGERS, 2nd Vice-Chairman (Tel. & Tel. Engr., Mo. Pac. R. R.), St. Louis, Mo.
. FAIRBANKS, Secretary, 30 Vesey St., New York, N. Y.
Next Meeting—Swampscott, Mass., September 21-23, 1926.

1850B—DIVISION II—TRANSPORTATION.

BERNET Chairman (President, N. Y., C. & St. L. R. R.), Cleveland, O.
A. WORTHINGTON, Vice-Chairman (Vice-Pres., So. Pacific Co.), San Francisco, Cal.
. CRAWFORD (Chairman Gen. Com.), 431 So. Dearborn St., Chicago, Ill.
. COVERT, Secretary, 431 So. Dearborn St., Chicago, Ill.
Next Meeting—

DEPARTMENT OF DEMURRAGE SUPERVISION.

CHALFANT, Manager Trunk Line (Excluding New England States and Central Freight Territories), 30 Vesey St., New York, N. Y.

HARDIN, Manager Southeastern Demurrage and Storage Bureau, Atlanta, Ga.
. ROTCHFORD, Manager Western Demurrage and Storage Bureau, 608 So. earborn St., Chicago, Ill.

1850C—DIVISION III—TRAFFIC.

INGALLS, Chairman (V.-Pres. Traf., New York Central Lines), New York, N.Y.
TTSCHALK, Secretary, 143 Liberty St., New York, N. Y.

1850D—DIVISION IV—ENGINEERING.

W. FELT, Chairman (Ch. Eng., A. T. & S. F. Ry.), Chicago, Ill.
McKEEN, 1st Vice-Chairman (Sys. Sig. Eng., U. P. Sys.), Omaha, Neb.
KATTE, 2nd Vice-Chairman (Ch. Eng., Electric Traction N. Y. C. R.R.), ew York, N. Y.
FRITCH, Secretary, 431 So. Dearborn St., Chicago, Ill.
Next Meeting—Chicago, Ill., March 8-10, 1927.

1850—American Railway Association—Continued.

1850D—DIVISION IV—ENGINEERING—*Continued.*

CONSTRUCTION AND MAINTENANCE SECTION.

C. F. W. FELT, Chairman (Ch. Eng., A. T. & S. F. Ry.), Chicago, Ill.
E. H. FRITCH, Secretary, 431 So. Dearborn St., Chicago, Ill.
Next Meeting—Chicago, Ill., March 8-10, 1927.

ELECTRICAL SECTION.

E. B. KATTE, Chairman (Ch. Eng. Elec. Tr., N. Y. C. R. R., Buffalo and East), N
York, N. Y.
SIDNEY WITHINGTON, V.-Chairman (Elec. Eng., N.Y., N.H. & H. R. R.), New Haven, C
E. H. FRITCH, Secretary, 431 South Dearborn St., Chicago, Ill.

SIGNAL SECTION.

A. H. MCKEEN, Chairman (System Sig. Eng., U. P. R. R.), Omaha, Neb.
C. H. TILLETT, 1st Vice-Chairman (Sig. Eng., Can. Nat. Ry.), Toronto, Ont.
C. F. STOLTZ, 2nd Vice-Chairman (Sig. Eng., C. C. C. & St. L. Ry., Cincinnati, O.
H. S. BALLIET, Secretary, 30 Vesey St., New York, N. Y.
Next Meeting—Los Angeles, Cal., September 7-9, 1926.

1850E—DIVISION V—MECHANICAL.

J. T. WALLIS, Chairman (Ch. of M. P., P. R. R.), Philadelphia, Pa.
L. K. SILLCOX, Vice-Chairman (Gen. Supt., M. P., C. M. & St. P. Ry.), Chicago, I
V. R. HAWTHORNE, Secretary, 431 So. Dearborn St., Chicago, Ill.
Next Meeting—Atlantic City, N. J., June 9 16, 1926.

EQUIPMENT PAINTING SECTION.

A. E. GREEN, Chairman (For. Paint., C. & N. W. Ry.), Chicago, Ill.
J. GRATTON, 1st Vice-Chairman (Gen. For. Painter. B. R. & P. Ry.). DuBois, Pa
F. E. LONG, 2nd Vice-Chairman (For. Paint., C., B. & Q. R. R.), Aurora, Ill.
V. R. HAWTHORNE, Secretary, 431 So. Dearborn St., Chicago, Ill
Next Meeting—St. Paul Hotel, St. Paul, Minn., September 14, 1926.

1850G—DIVISION VI—PURCHASES AND STORES.

C. D. YOUNG, Chairman (Stores Mgr., P. R. R.), Philadelphia, Pa.
D. C. CURTIS, Vice-Chairman (Ch. Pur. Off., C. M. & St. P. Ry.), Chicago, Ill.
W. J. FARRELL, Secretary, 30 Vesey St., New York, N. Y.
Next Meeting—Chalfonte-Haddon Hall, Atlantic City, N. J., June 9-11, 1926

1850H—DIVISION VII—FREIGHT CLAIMS.

C. H. DIETRICH, Chairman (Frt. Clm. Agt., Chic., Mil. & St. P. Ry.), Chicago, Il
H. R. GROCHAU, 1st Vice-Chairman (Frt. Clm. Agt., Chic., St. P., Minn. & O. I
St. Paul, Minn.
T. C. SMITH, 2nd Vice-Chairman (Frt. Clm. Agt., C. R. R. of N. J.), New York,
LEWIS PILCHER, Secretary.....431 So. Dearborn St., Chicag
F. E. WINBURN, Special Representative..... " "
JOE MARSHALL, Special Representative..... " "
A. L. GREEN, Special Representative..... " "
Next Meeting—Norfolk, Va., June 15-18, 1926.

1850K—CAR SERVICE DIVISION.

(Transportation Bldg., 17th & H Sts., N. W., Washington, D. C.)

M. J. GORMLEY, Chairman.
C. A. BUCH, Secretary.
W. C. KENDALL, Manager, Railroad Relations Section.
W. J. MCGARRY, Manager, Open Car Section.
L. M. BETTS, Manager, Closed Car Section.
DONALD D. CONN, Manager, Public Relations Section.
C. F. STEWART, Manager, Troop Movement Section, Room 2303, Munitions B
19th and B Sts., Washington, D. C.

DISTRICT MANAGERS.

R. C. ANDREWS, 1413 New Santa Fe Bldg., Dallas, Tex.
H. J. ARNETT, 1187 Dexter Horton Bldg., Seattle, Wash.
W. D. BECK (Also Mgr. Refrigerator Dept.), 431 So. Dearborn St., Chicago, Ill.
E. J. CLEAVE, 30 Vesey St., New York, N. Y.
P. J. COLEMAN, 730 Metropolitan Life Bldg., Minneapolis, Minn.
R. W. EDWARDS, 1216 Age-Herald Bldg., Birmingham, Ala.
G. A. LEITHNER, Chancery Bldg., 564 Market St., San Francisco, Cal.
J. A. MORRIS, 523 Union Central Bldg., Cincinnati, O.
G. C. RANDALL, 504 Bd. of Trade Bldg., Boston, Mass.
J. W. RILEY, 301 Union Station Bldg., St. Louis, Mo.
W. J. SMITH, 714 Woodmen of the World Bldg., Omaha, Neb.
A. P. STEVENS, 2025 First National Bank Bldg., Detroit, Mich.
C. F. WOLCOTT, 1031 Fulton Bldg., Pittsburgh, Pa.

1851—AMERICAN SHORT LINE RAILROAD ASSOCIATION.

International Bldg., 1319-21 F St., N. W., Washington, D. C.
Bird M. Robinson, President.....Washington, D.C
Ben. B. Cain, Vice-President and General Counsel..... "
L. S. Cass, Vice-President..... "
Moultrie Hitt, Assistant to President..... "
Mark T. McKee, Assistant to President.....Detroit, Mich
Frank P. Robinson, Assistant to President.....Greeneville, Tenn
T. F. Whittelsey, Secretary and Treasurer.....Washington, D. C

1851a—CONSOLIDATED PURCHASING AGENCY.
¶ J. W. Cain, Manager of Purchases ..... { 332 So. Michigan Ave., Chicago, Ill.
J. A. Cecce, Asst. to Manager of Purchases..... {

1851b—TRAFFIC DEPARTMENT.
L. S. Cass, Vice-President.....Washington, D. C
S. Seward, Mid-West Representative..... { 332 So. Michigan Ave., Chicago, Ill.
John A. Streyer, Traffic Manager, Southern Classification Territory ....101 Marietta St., Atlanta, Ga

1851c—LABOR DEPARTMENT.
S. Seward, Manager Labor Department..... { 332 So. Michigan Ave., Chicago, Ill.
Clarence M. Oddie, Western Representative. Mills Bldg., San Francisco, Cal
Next Meeting—

LIST OF MEMBERS.

Aberdeen & Rockfish Ry.
Abilene & Southern Ry.
Akron, Canton & Youngstown Ry.
Alabama Central R. R.
Alabama Central Ry.
Alabama, Tennessee&North'n Ry.
Alcolu R. R.
Angelina & Neches River R. R.
Apache Ry.
Appalachian Ry.
Arcadia & Attica R. R.
Arcadia & Betsey River Ry. Co.
Arcata & Mad River R. R. Co.
Arizona Southern R. R.
Arkansas R. R.
Arkansas & Louis'a, Missouri Ry.
Artemus-Jellico R. R. Co.
Ashland Ry. Co.
Ashley, Drew & Northern Ry.
Atlantic & Western R. R.
Atlantic & Yadkin Ry.
Atlantic Northern Ry.
Augusta R. R.
Augusta-Aiken Ry. & Elec. Co.
Augusta Northern Ry.

Bamberg, Ehrhardt & Walterboro Ry.
Bartlett Western Ry.
Batesville Southwestern R. R.
Beaver, Meade & Englewood R.R.
Beaver Valley R. R.
Belfast & Moosehead Lake R.R.Co
Bennettsville & Cheraw R. R.
Big Sandy & Cumberland R. R.
Big Sandy & Kentucky River Ry.
Bingham & Garfield Ry.
Birmingham & Southeastern R.R.
Birming'm, Col'a&St. Andrews Ry.
Birmingham, Selma&Mobile R. R.
Bloomsburg & Sullivan R. R. Co.
Blue Ridge Railway Co.
Bowdon Ry
BoyneCity,Gaylord&Alpena R.R.
Bristol R. R.
Brookings & Peach Orchard R. R.
Brooklyn Eastern District Term'l.
Brownstone & Middletown R. R.
Buffalo Creek R. R.
Buffalo Union-Carolina R. R.
Bush Terminal R. R.
Butte, Anaconda & Pacific Ry

Cache Valley R. R.
Cairo, Truman & Southern R. R.
California Central R. R.
CaliforniaWestern R.R.&Nav.Co.
Cambria & Indiana R. R.
Campbells Creek R. R.
Cape Girardeau Northern Ry.
Carlton & Coast R. R.
Carolina & Georgia Ry.
Carolina & Northeastern Ry.
Carolina & Northwestern Ry.
Carolina Western R. R.
Caro Northern R. R.
Carrollton & Worthville R. R.
Cassville & Exeter Ry.
Castleman Valley R. R.
Cedar Rapids & Iowa City Ry.
Cement, Tolenas & Tidew'r R. R.
Central Ry. of Arkansas.
Central West Va. & South'n R. R.
Chaffee R. R.
Charles City Western R. R.
Charlotte, Monroe & Col'a R. R.
Chattahoochee Valley Ry.
Chesapeake Beach Ry.
Chesapeake Western Ry.
Chesterfield & Lancaster R. R.
Chi. & Illinois Midland Ry.
Chi., Attica & Southern R. R.
Chi., Harvard & Geneva Lake Ry.
Chic. Short Line Ry. Co.
Chicago, West Pullman & Southern R. R.
Christie & Eastern Ry. Co.
Cimarron & Northwestern Ry.
City of Prineville Ry.
Clarendon & Pittsford R. R.
Cliffside R. R.
Clinton & Okla. West'n Ry.
Clinton, Davenport & Muscatine Ry.
Collins & Glennville Ry.
Colorado & Southeastern R. R.
Colorado-Kansas Ry.
Col'bia & Nehalem River R. R.
Col'bia. Newb'y & Laurens R. R.
Combs, Cass & Eastern R. R.
Cooperstown & Charl'e Val'y R.R.
Cornwall R. R. Co.
Coudersp't & Port Allegany R.R.
Cowlitz, Chehalis & Cascade Ry.
Craig Mt. Lumber Co.'s Ry.
Cumberland & Manchester R. R.
Cumberland Transportation Co.
Danville & Western Ry.
Dansville & Mt. Morris R. R.
Dardanelle & Russellville R. R.
Deering Southwestern Ry.
De Kalb & Western R. R.
Dent's Run R. R.
Denver & Intermountain R. R.

1851—American Short Line Railroad Association—Continued.

De Queen & Eastern R. R.
Des Moines & Central Iowa R. R.
Doniphan, Kensett & Searcy Ry.
Dover & Southbound R. R.
Due West Ry.
Duluth & Northeastern R. R.

East Berlin R. R.
East Erie Commercial R. R.
Eastern Kentucky Ry.
East Jersey R. R. & Terminal Co.
East Jordan & Southern R. R.
East Tenn. & Western N. Carolina R. R.
East Texas & Gulf Ry.
Edgmoor & Manetta R. R.
Elberton & Eastern R. R.
Elkin & Alleghany R. R.
Erie & Michigan Ry. & Nav. Co.
Escanaba & Lake Superior R. R.
Ettrick & Northern R. R.

Fairchild & Northeastern Ry. Co.
Federal Valley R. R.
Fellsmere R. R.
Ferdinand R. R.
Fernwood, Columbia & Gulf R. R.
Flemingsburg & Northern R. R.
Flint River & Northeastern R. R.
Florida Central & Gulf Ry.
Fonda, Johnst'n & Gloversville Ry.
Ft. Smith, Subineo & Rock Isl. R. R.
Frankfort & Cincinnati Ry.
Fresno Interurban Ry.

Gainesville & Northwestern R. R.
Galesburg & Great Eastern R. R.
Garyville Northern R. R.
Georgia & Florida Ry.
Georgia, Ashburn, Sylvester & Camilla Ry.
Georgia, Florida & Alabama Ry.
Georgia Northern Ry.
Gideon & North Island R. R.
Gilmore & Pittsburg R. R. Co., Ltd.
Glendale & Montrose Ry.
Goshen Valley R. R.
Grafton & Upton R. R. Co.
Grasse River R. R.
Great Southern R. R.
Greenbrier & Eastern R. R. Co.
Greene County R. R.
Greenville & Northern Ry.
Greenwich & Johnsonville Ry.
Groveton, Lufkin & Northern Ry.
Gulf & Sabine River R. R.
Gulf Ports Terminal Ry.
Gulf, Texas & Western Ry.

Hampton & Branchville R. R.
Hannibal Connecting R. R.
Hanover Ry.
Hardwick & Woodbury Ry.
Hawaii Consolidated Ry. Co., Ltd.
Hickory Valley R. R.

High Point, Randleman, Ashboro & Southern R. R.
High Point, Thomasville & Denton R. R. Co.
Hillsboro & Northeastern Ry.
Hooppole, Yorktown & Tampico R. R.
Hoosac Tunnel & Wilmington R. R.
Hutchinson & Northern Ry. Co.

Illinois Northern Ry.
Indian Creek Valley Ry.
Indian Valley R. R.
Intermountain Ry.
Iowa Southern Utilities Co.

Jackson & Eastern Ry.
Jamestown, Westfield & Northwestern R. R.
Jefferson & Northwestern Ry.
Jefferson Southwestern R. R.

Kanawha, Glen Jean & Eastern R. R.
Kane & Elk R. R.
Kankakee & Urbana Traction Co.
Kansas & Sidell R. R.
Kansas City, Lawrence & Topeka Electric R. R.
Kansas City Northwestern Ry.
Kansas City Rys.
Kellys Creek R. R.
Kentucky & Tennessee Ry.
Kentucky, Rock Castle & Cumberland R. R. Co.
Kinder & Northwestern R. R.
Kishacoquillas Valley R. R. Co.
Klickitat Log & Lumber Co.
Knoxville & Carolina R. R.
Koolau Ry. Co., Ltd.
Kosciusko & Southeastern R. R.

Lackawanna & Wyoming Valley R. R.
La Crosse & Southeastern Ry.
Lake Champlain & Moriah R. R. Co.
Lake Erie & Fort Wayne R. R.
Lake Erie, Franklin & Clarion R. R.
Lakeside & Marblehead R. R.
Lancaster & Chester Ry.
L'Anguille River Ry.
Laona & Northern Ry.
La Salle & Bureau County R. R.
Laurel Fork Ry.
Laurinburg & Southern R. R.
Lawndale Ry. & Industrial Co.
Leavenworth & Topeka R. R.
Leesville, Slagle & Eastern Ry.
Ligonier Valley R. R.
Lime Rock R. R.
Linville River Ry.
Little River R. R.
Live Oak, Perry & Gulf R. R.
Lorain & Southern R. R.
Louisiana Southern Ry. Co.
Louisville & Wadley R. R. Co.
Louisville, New Albany & Corydon R. R.

Lowell & Southern R. R. Co.
Ludington & Northern Ry.
Lufkin, Hemphill & Gulf Ry.

Macomb, Industry & Littleton Ry.
McCloud River R. R.
Macon, Dublin & Savannah R. R.
Manchester & Oneida Ry.
Manila & Southwestern Ry.
Manitou & Pike's Peak Ry.
Mansfield Ry. & Transport'n Co.
Manufacturers Jct. Ry.
Marianna & Blountstown R. R.
Marinette, Tomahawk & Western R. R.
Marion Railway Corp.
Marshall, Elysian Fields & Southeastern Ry.
Maryland & Delaware Coast R. R.
Maryland & Pennsylvania R. R.
Mason City & Clear Lake R. R. Co.
Mason County Logging Co.
Maxton, Alma & Southbound R. R.
Miami Mineral Belt R. R.
Middletown & Unionville R. R.
Midland Continental R. R.
Milwaukee Electric Ry. & Lt. Co.
Milwaukee Northern Ry.
Mineral Point & Northern Ry.
Minneapolis & Rainy River Ry.
Minneapolis, Anoka & Cuyuna Range Ry.
Minneapolis, Northfield & Southern Ry.
Minneapolis, Red Lake & Manitoba Ry.
Minnesota, Dakota & Western Ry.
Minnesota Northwestern Elec. Ry.
Minnesota Western R. R.
Mississippi & Alabama R. R.
Mississippi & Western R. R.
Mississippi Southern R. R.
Missouri & Kansas Ry.
Modesto & Empire Traction Co.
Montana R. R.
Montana, Wyoming & South'n R. R.
Moore Central Ry.
Morehead & Northfork R. R.
Morgan-Fentress Ry.
Morristown & Erie R. R.
Moscow, Camden & San Augustine Ry.
Moshassuck Valley R. R.
Motley County Ry.
Mount Hood R. R.
Mt. Jewett, Kinzua & Riterv'e R. R.
Mt. Tamalpais & Muir Woods Ry.
Muncie & Western R. R.
Muskogee Electric Traction Co.

Nacogdoches & Southeastern R. R.
Narragansett Pier R. R.
Nashville & Atlantic R. R. Co.
Natchez, Columbia & Mobile R. R.
Natchez, Urania & Ruston Ry.
Nelson & Albemarle Ry.

1851—American Short Line Railroad Association—Continued.

Nevada-California-Oregon Ry.
Nevada Central R. R.
Nevada County Narrow Gauge R. R
Newaukum Valley R. R.
New Castle & Ohio River Ry.
New Jersey, Ind. & Illinois R. R.
New Mexico Midland Ry.
New Orleans & Lower Coast R. R
New Orleans, Natalbany & Natchez Ry.
New Orleans Public Belt R. R.
New York & Pennsylvania Ry.
New York Dock Ry.
Nezperce & Idaho R. R.
Northampton & Bath R. R.
Northeast Oklahoma R. R.
Northern Ohio Ry. Co.
North Louisiana & Gulf R. R.
Northw'n R. R. of So. Carolina.
Norwood & St. Lawrence R. R.

Oahu Ry. & Land Co.
Ohio & Kentucky Ry. Co.
Okmulgee Northern Ry.
Omaha, Lincoln & Beatrice Ry. Co.
Oneida & Western R. R.
Ontonagon R. R.
Oregon, California & Eastern Ry. Co.
Oregon, Pacific & Eastern Ry.
Ouachita & Northwest'n R. R.
Owasco River Ry.
Ozark Southern Ry.

Pacific & Idaho Northern Ry.
Pacific Coast R. R.
Pacific Coast Ry.
Pacific Northwest Traction Co.
Paris & Mt. Pleasant R. R.
Pearl River Valley R. R.
Pecos Valley Southern Ry.
Pickens R. R.
Pine Bluff & Northern Ry.
Pittsburg County Ry. Co.
Pittsburgh & Susquehanna R. R.
Pittsburgh, Lisbon & Western R. R.
Port Bolivar Iron Ore Ry.
Port Huron & Detroit R. R.
Portland & Southwestern R. R.
Portland Electric Power Co.
Potato Creek R. R.
Poteau & Cavanal Mt. R. R.
Prattsburg Ry. Corp.
Prescott & Northwestern R. R.
Puget Sound & Cascade Ry.
Pullman R. R. Company.

Quakertown & Bethlehem R. R.
Quanah, Acme & Pacific Ry.
Quincy R. R. Co.

Railway Valley R. R.
Raleigh & Charleston R. R.
Rapid City, Black Hills & Western R. R.
Raritan River R. R.
Ray & Gila Valley R. R.
Red River & Gulf R. R.

Rio Grande Eastern Ry. Corp.
Roby & Northern R. R.
Rockcastle River Ry.
Rockdale, Sandow & Southern R. R.
Rockingham R. R.
Rock Island Southern Ry.
Rock Port, Langdon & Northern Ry. Co.
Roscoe, Snyder & Pacific Ry.
Rowlesburg & Southern R. R.

Sacramento Northern Ry.
St. John & Ophir R. R.
St. Louis & Hannibal R. R. Co.
St. Louis, Kennett & Southeast'n R. R.
Salt Lake & Utah R. R.
Salt Lake, Garfield & Western Ry.
San Antonio Southern Ry. Co.
Sandersville R. R.
San Diego & Arizona Ry.
San Joaquin & Eastern R. R.
San Luis Central R. R.
San Luis Southern Ry.
Santa Fe Northwestern Ry.
Santa Maria Valley R. R.
Sardis & Delta R. R.
Savannah & Atlanta Ry.
Savannah & Statesboro Ry.
Schoharie Valley R. R.
Sewell Valley R. R.
Shearwood Ry.
Sheffield & Tionesta Ry.
Shreveport, Houston & Gulf R. R.
Sibley, Lake Bisteneau & So'n Ry.
Sierra Ry. Co. of California.
Silverton Northern R. R.
Skaneateles R. R.
Smoky Mountain Ry.
Southern Illinois Ry. & Power Co.
Southern New York Ry., Inc.
South Manchester R. R.
Southwest Missouri R. R.
Spokane & East'n Ry. & Power Co.
Spokane International Ry.
Springfield Term. Ry. (Illinois)
Springfield Terminal Ry. Co. (Vermont).
Stewartstown R. R.
Sumter & Choctaw Ry.
Suncook Valley R. R.
Superior-Southeastern Ry.
Susquehanna & New York R. R. Co.
Sylvania Central Ry. Co.

Tabor & Northern Ry.
Talbotton Ry. Co.
Talluiah Falls Ry.
Tampa & Gulf Coast R. R.
Tampa & Jacksonville Ry.
Tavares & Gulf R. R.
Tennessee R. R.
Tennessee & North Carolina R. R.
Tenn., Kentucky & Northern R. R.
Texas-Mexican Ry.
Texas Southeastern R. R.
Tooele Valley Ry.
Townsville R. R.
Trinity Valley & Northern Ry.

Trinity Valley Southern R. R. Co.
Trona Ry.
Tuckaseegee & Southeastern Ry.
Tuckerton R. R.
Tuskegee R. R.

Ulster & Delaware R. R.
Union Point & White Plains R. R.
United Ry.
Unity Rys.
Upper Merion & Plymouth R. R.
Ursina & North Fork Ry.
Uvalde & Northern Ry.

Valley & Siletz R. R.
Verde Tunnel & Smelter R. R.
Virginia & Truckee Ry.
Virginia Blue Ridge Ry.

Wabash, Chester & Western R. R.
Wadley Southern Ry. Co.
Ware Shoals R. R.
Warren & Saline River R. R.
Warrenton R. R.
Washington & Choctaw Ry.
Washington & Lincolnton Ry.
Washington & Old Dominion Ry.
Wash., Brandywine & Pt. Lookout Ry.
Wash., Idaho & Montana Ry.
Washington-Virginia Ry.
Washington Western Ry.
Waterloo, Cedar Falls & Nor'n R. R
Waterville Ry.
Waycross & Southern R. R.
Wellington & Powellsville R. R.
Western Allegheny R. R.
Westfield R. R.
West Virginia Midland R. R.
West Virginia Northern R. R.
White River R. R.
White Sulphur & Huntersv. R. R.
Wichita Falls & Southern Ry.
Wichita Northwestern Ry.
Wildwood & Del. Bay Short Line R. R.
Willamette Valley & Coast R. R.
Williamsport & North Branch R R.
Wilmington, Brunswick & So'n R. R
Winchester & Western R. R.
Winfield R. R.
Winona Service Co.
Wiscasset, Waterville & Farmington Ry.
Wisconsin & Michigan Ry.
Wood River Branch R. R.
Woodstock Ry.
Wrightsville & Tennille R. R. Co.
Wyandotte Southern R. R.
Wyoming Ry.
Wyoming & Missouri River Ry.

Yadkin R. R.
Yakima Valley Transportation Co.
Yale Short Line R. R. Co.
York Utilities Co.
Yosemite Valley R. R.
Youngstown & Ohio River R. R.
Yreka R. R.

ASSOCIATIONS OF RAILROAD OFFICERS AND RAILROAD SUPPLY ORGANIZATIONS

1851d—AIR BRAKE APPLIANCE ASSOCIATION.

J. B. Wright, President.....Westinghouse Bldg., Pittsburgh, Pa
F. Speer, Secretary and Treasurer. .....1021 Filbert St., Philadelphia, Pa
Next Meeting—Hotel Roosevelt, New Orleans, May 4-7, 1926.
(*Associated with Air Brake Association.*)

1852—AIR BRAKE ASSOCIATION.

R. C. Burns, President (Penn. R.R.).....Altoona, Pa
M. S. Belk, 1 Vice-President (Southern Ry.).....Washington, D. C
H. A. Clark, 2 Vice-President (Soo Line) .....Minneapolis, Minn
H. L. Sandhas, 3 Vice-President (C. R. R. of N. J.).....Jersey City, N. J
F. M. Nellis, Secretary.....165 Broadway, New York, N. Y
Otto Best, Treasurer.....416 E. 106th St., "
Next Meeting—Hotel Roosevelt, New Orleans, La., May 4-7, 1926.

1852a—AMERICAN ASSOCIATION OF RAILWAY ADVERTISING AGENTS.

A. C. Jackson, President (Adv. Mgr., U. P. R. R.).....Portland, Ore
W. H. Simpson, Vice-President (Asst. G. P. A., A. T. & S. F. Ry.)....Chicago, Ill
J. M. Gibbon, Vice-President (Gen Pub. Agt., C. P. Ry.).....Montreal, Que
A. Palmer, Vice-President (Adv. Mgr., N. Y. C. R. R.).....New York, N. Y
H. C. James, Vice-President (Adv. Mgr., Frisco Lines).. .....St. Louis, Mo
H. F. McLaury, Vice-President (Adv. Mgr., C., B. & Q. R. R.).....Chicago, Ill
E. A. Abbott, Secretary (Poole Bros.).....87 W. Harrison St., "
H. H. Ellis, Treasurer (Adv. Mgr., C., R. I. & P. Ry.)..... "
Next Meeting—

1853-AMERICAN ASSOCIATION OF SUPERINTENDENTS OF DINING CARS.

G. M. Hart, President (Wabash R. R.).....St. Louis, Mo
S. W. Derr, Vice-President (Reading Co.).....Philadelphia, Pa
F. R. Borger, Acting Secretary & Treasurer (C. I. & L.).....Chicago, Ill
Next Meeting—Baltimore, Md., October, 1926.

1854—AMERICAN ASSOCIATION OF FREIGHT TRAFFIC OFFICERS.

F. B. Houghton, President (F. T. M., A. T. & S. F. Ry.)..... ...Chicago, Ill
W. A. Terry, 1 Vice-President (F. T. M., N. Y. C. Lines)..... "
A. Fries, 2 Vice-President (V.-Pres., B. & O. R. R.).....Baltimore, Md
C. Barnham, 3 Vice-President (Chman., So. Frt. Assn.).....Atlanta, Ga
E. R. Oliver, 4 Vice-President (V.-Pres. So. Ry.).....Washington, D. C
J. D. Gowin, Secretary and Treasurer (Asst. Gen. Agt., Mo. Pac. G. C. Lines, Int. Grt, Nor, Rys.).....112 W. Adams St., Chicago, Ill
Annual Meeting—

1855—AMERICAN ASSOCIATION OF GENERAL BAGGAGE AGENTS.

J. C. Conn, President (So. Ry. Sys.).....Chattanooga, Tenn
R. L. McKibbin, Vice-President (So. Pac.).....Houston, Tex
E. L. Duncan, Secretary and Treasurer.....332 So. Michigan Ave., Chicago, Ill
Next Meeting—Atlantic City, N. J., June 1, 1926.

1856—AMERICAN ASSOCIATION OF PASSENGER TRAFFIC OFFICERS.

L. W. Landman, President (Pass. Traf. Mgr., N. Y. Cent. Lines).....Chicago, Ill
J. N. Cornatzer, Vice-President (Pass. Traf. Mgr., St. L.-S. F. Ry.)..St. Louis, Mo
W. C. Hope, Secretary (Pass. Traf. Mgr., C. R. R. of N. J.).,
143 Liberty St., New York, N. Y
Next Meeting—

1857—AMERICAN ASSOCIATION OF RAILROAD SUPERINTENDENTS.

E. H. Harman, President (Term. R. R. Ass'n of St. Louis).....St. Louis, Mo
G. O. Brophy, 1 Vice-President (U. Pac. System).....Omaha, Neb
J. M. Walsh, 2 Vice-President (Y. & M. V. R. R.).....Memphis, Tenn
G. J. Shreeve, 3 Vice-President (Belt R. R. of Chicago).....Chicago, Ill
J. Rothschild, Secretary and Treasurer.....Union Station, St. Louis, Mo

Annual Meeting—Montreal, Que., June 15-18, 1926.

1857a—AMERICAN ASSOCIATION OF TRAVELLING PASSENGER AGENTS

F. D. Hammer, President (Wabash Ry.).....Detroit, Mich
H. G. Van Winkle, Vice President (C. & N. W. Ry.).....Chicago, Ill
P. C. Benedict, Secretary and Treasurer (B. & O. R. R.), 112 W. Adams St., Chicago, Ill

Annual Meeting—Los Angeles, Cal., 1926.

1858—AMERICAN ELECTRIC RAILWAY ASSOCIATION.

New York Office, 292 Madison Ave., New York, N. Y.
F. R. Coates, President (President Community Traction Co.), 60 Wall St., New York, N. Y
W. H. Sawyer, 1 Vice-President (Pres. E. St. Louis & Sub. Ry. Co.).....East St. Louis, Ill
R. P. Stevens, 2 Vice-President (Pres. Republic Ry. & Light Co.).....120 Broadway, New York, N.Y
J. P. Barnes, 3 Vice-President (Pres. Louisville Ry. Co.).....Louisville, Ky
P. Shoup, 4 Vice-President (Pres. Pacific Electric Ry. Co.)...San Francisco, Cal
L. S. Storrs, Managing Director.....292 Madison Ave., New York, N. Y
J. W. Welsh, Executive Secretary..... " "
Barron Collier, Treas. (Pres. Barron G. Collier, Inc., 220 W. 42d St.). "

Annual Convention—Cleveland, O., October 4-8, 1926.

1858a—ACCOUNTANTS' ASSOCIATION.

J. J. Duck, President (Gen. Aud., Chicago City Ry. Co.).....Chicago, Ill
L. E. Lippitt, 1 Vice-President (Aud. & Treas., Auburn & Syracuse Elec. R. R. Co.).....Auburn, N. Y
T. B. Macktae, 2 Vice-President (Gen. Aud., Chicago Rapid Transit Co.).....Chicago, Ill
O. H. Bernd, 3 Vice-President (Sec. Des Moines City Ry. Co.). Des Moines, Ia
J. W. Welsh, Sec.-Treas.....292 Madison Ave., New York, N. Y

1858b—ENGINEERING ASSOCIATION.

Charles R. Harte, President (Const. Eng. The Connecticut Co.).....New Haven, Conn
D. Durie, 1 V.-Pres. (Gen. Supt., West Penn. Rys. Co.)...Connellsville, Pa
R. H. Dalgleish, 2 Vice President (Ch. Eng. Capital Traction Co.).....Washington, D. C
J. W. Welsh, Sec.-Treas.....292 Madison Ave., New York, N. Y

1858c—CLAIMS ASSOCIATION.

J. H. Handlon, Pres. (Clm. Agt., Market St. Ry. Co.).....San Francisco, Cal
C. B. Proctor, 1 V.-Pres. (Clm. Agt., Memphis Street Ry. Co.). Memphis, Tenn
J. S. Kubu, 2 Vice-President (Asst. Supt. Accident Dept., Cleveland Ry. Co.).....Cleveland, O
E. L. Lindemuth, 3 Vice-President (Mgr. Clm. Dept., The Wilkes Barre Ry. Corp.).....Wilkes-Barre, Pa
J. W. Welsh, Sec.-Treas.....292 Madison Ave., New York, N. Y

1858d—TRANSPORTATION & TRAFFIC ASSOCIATION.

G. H. Clifford, President (Southwestern District Manager, Stone & Webster, Inc.).....Houston, Tex
J. V. Sullivan, 1 V.-Pres. (Asst. to V.-Pres., Chicago Surface Lines).....Chicago, Ill
E. Dana, 2 Vice-President (Gen. Mgr., Boston Elev. Ry.).....Boston, Mass
W. H. Boyce, 3 Vice-President (Comm. Mgr. Pittsburgh Rys. Co.).....Pittsburgh, Pa
J. W. Welsh, Sec-Treas.....292 Madison Ave., New York, N. Y

1859—AMERICAN RAILROAD MASTER TINNERS', COPPERSMITHS' AND PIPEFITTERS' ASSOCIATION.

J. B. Neese, President (C. M. & St. P. R. R.).....Milwaukee, Wis
C. E. Gibbs, 2 Vice-President (B. & O. R. R.).....Baltimore, Md
S. S. Huntley, 3 Vice-President (S. P. R. R.).....Los Angeles, Cal
C. Borcherdt, Secretary (C. & N. W. Ry.).....202 N. Hamlin Ave., Chicago, Ill
W. J. McCarthy, Treasurer (N. Y. C. R. R.).....Cleveland, O
Annual Convention—

——AMERICAN RAILWAY ASSOCIATION. *See No. 1850.*

1860—AMERICAN RAILWAY BRIDGE & BUILDING ASSOCIATION.

C. W. Wright, President (L. I. R. R.).....Jamaica, N. Y
E. T. Howson, 1 Vice-President.....Chicago, Ill
F. C. Baluss, 2 Vice-President (D. M. & N. Ry.).....Duluth, Minn
M. Johnson, 3 Vice-President (I. C. R. R.).....Chicago, Ill
C. A. Lichty, Sec.-Treas. (C. & N. W. Ry.).....319 N. Waller Ave., "
Annual Convention—Richmond, Va., October, 1926.

1860a—AMERICAN RAILWAY DEVELOPMENT ASSOCIATION.

A. Leckie, President (K. C. S. Ry.).....Kansas City, Mo
W. H. Hill, 1 Vice-President (N. Y. C. Lines West).....Chicago, Ill
A. L. Moorshead, 2 Vice-President (Erie R. R.)....50 Church St., New York, N. Y
H. W. Byerly, Secretary and Treasurer (Nor. Pac. Ry.).....St. Paul, Minn
Semi-Annual Meeting—Chicago, Ill., December 2-3, 1926.
Annual Meeting—Vancouver, B. C., June 23-25, 1926.

1861—AMERICAN RAILWAY ENGINEERING ASSOCIATION.

431 So. Dearborn St., Chicago, Ill.
C. F. W. Felt, President (A., T. & S. F. Ry.).....Chicago, Ill
D. J. Brumley, Vice-President (Ill. Cent. R. R.)..... "
W. D. Faucette, Vice-President (S. A. L. Ry.).....Savannah, Ga
E. H. Fritch, Secretary.....Chicago, Ill
Geo. H. Bremner, Treasurer..... "
Annual Meeting—Chicago, Ill., March 8-10, 1927.

1862—AMERICAN RAILWAY TOOL FOREMEN'S ASSOCIATION.

E. A. Hildebrandt, President (C. C. C. & St. L. Ry.).....Indianapolis, Ind
O. D. Kinsey, 1 Vice-President (C. M. & St. P. Ry.).....Milwaukee, Wis
E. A. Greame, 2 Vice-President (D. L. & W. R. R.).....Scranton, Pa
W. R. Millican, 3 Vice-President (M. K. & T. Lines).....Parsons, Kan
G. G. Macina, Secretary and Treasurer (C. M. & St. P. R. R.).....Chicago, Ill
Annual Convention—Hotel Sherman, Chicago, Ill., September 1-3, 1926.

1863—AMERICAN SHORT LINE RAILROAD ASSOCIATION. *See No. 1851.*

1863a—AMERICAN TRAIN DISPATCHERS ASSOCIATION.

C. L. Darling, Secretary.....10 East Huron St., Chicago, Ill
Biennial Convention—July 18, 1927.

1864—AMERICAN WOOD PRESERVERS' ASSOCIATION.

C. F. Ford, President (Rock Island Lines).....Chicago, Ill
O. C. Steinmayer, 1 Vice-President.....C. C. Co. Bldg., Toronto, Ont
H. R. Condon, 2 Vice-President (Penna. R. R.).....Philadelphia, Pa
E. J. Stocking, Secretary and Treasurer....111 W. Washington St., Chicago, Ill
Annual Meeting—Nashville, Tenn., January 25-27, 1927.

1865—ASSOCIATION OF RAILWAY CLAIM AGENTS.

W. H. D'Arcy, President (C. P. Ry.).....Winnipeg, Canada
C. S. Williston, Vice-President (Pullman Co.).....Chicago, Ill
R. Irwin, Vice-President (A., T. & S. F. Ry. Co., Coast Lines)..Los Angeles, Cal
W. C. Brister, Vice-President (Reading Co.).....Philadelphia, Pa
H. D. Morris, Secretary and Treasurer (No. Pac. Ry.),
1044 Northern Pacific Bldg., St. Paul, Minn
Annual Convention—Los Angeles, Cal., May 18-20, 1926.

1866—ASSOCIATION OF RAILWAY ELECTRICAL ENGINEERS.

E. Wanamaker, President (C., R. I. & P. Ry.).....Chicago, Ill
C. R. Sugg, Vice-President (A. C. L. R. R.).....Wilmington, N. C
Jos. A. Andreucetti, Sec. & Treas. (413 C. & N. W. Term. Sta.).....Chicago, Ill

Annual Meeting—Chicago, Ill., October 27-30, 1926.

1867—ASSOCIATION OF RAILWAY EXECUTIVES.

General Offices.....Transportation Bldg., Washington, D. C
Alfred P. Thom, General Counsel... " "
A. P. Thom, Jr., General Solicitor... " "
S. J. Strong, Secretary & Treasurer. " "

1868—ASSOCIATION OF RAILWAY SUPPLY MEN.

E. E. Thulin, President.....122 So. Michigan Ave., Chicago, Ill
S. A. Witt, Secretary and Treasurer.....816 So. Michigan Ave., "

Next Meeting—Chicago, Ill., September 7-10, 1926.

(*Associated with International Railway General Foremen's Association.*)

1869—

1870—ASSOCIATION OF WESTERN RAILWAYS.

J. W. Higgins, Executive Secretary.....608 So. Dearborn St., Chicago, Ill
S. H. Schneider, Secretary and Treasurer..... " "

1871—BRIDGE & BUILDING SUPPLY MEN'S ASSOCIATION.

D. J. Higgins, Pres. (Amer. Valve & Meter Co.)., 332 S. Michigan Ave., Chicago, Ill
J. E. Nelson, V.-Pres. (Jos. E. Nelson & Sons), 3240 S. Michigan Ave., "
F. M. Condit, Secretary (Fairbanks, Morse & Co.), 900 So. Wabash Ave., "
B. J. Wilson, Treas. (Pocket List of R. R. Officials), 14 E. Jackson Blvd., "

Annual Convention—Richmond, Va., October, 1926.

(*Associated with American Railway Bridge & Building Association.*)

1872—BUREAU FOR THE SAFE TRANSPORTATION OF EXPLOSIVES AND OTHER DANGEROUS ARTICLES.

C. H. Ewing, President (Reading Co.).....Philadelphia, Pa
W. A. Worthington, Vice-Pres. (Southern Pacific Ry.).....San Francisco, Cal
H. J. Forster, Secretary and Treasurer.....30 Vesey St., New York, N. Y
Colonel B. W. Dunn, Chief Inspector..... " "
W. S. Topping, Assistant Chief Inspector..... " "
C. P. Beistle, Chief Chemist..... ..South Amboy, N. J

Communications concerning the transportation of explosives and other dangerous articles should be addressed to Colonel B. W. Dunn, Chief Inspector, 30 Vesey Street, New York, N. Y.

1873—BUREAU OF INFORMATION OF THE EASTERN RAILWAYS.

MEMBERS—
C. E. Denney (Vice-Pres. & Gen. Manager, N. Y. C. & St. L. R. R.)..Cleveland, O
C. H. Ewing (Vice-President, Reading Co.).....Philadelphia, Pa
C. W. Galloway (Vice-President, B. & O. System).....Baltimore, Md
C. S. Krick (Vice-President, Penn. R. R.—Eastern Region).....Philadelphia, Pa
B. R. Pollock (Vice-President and Gen. Manager, B. & M. R. R.)..Boston, Mass
John G. Walber (Vice-President, Personnel, N. Y. C. Lines)....New York, N. Y
E. J. McClees, Secretary.....5710 Grand Central Term., "
H. E. Jones, Assistant Secretary..... " " "

Regular meeting—2nd Thursday of each month, 5710 Grand Central Terminal, New York, N. Y.

1873a—BUREAU OF RAILWAY ECONOMICS.

Howard Elliott, Chairman.....34 Nassau St., New York, N. Y
Julius H. Parmelee, Director.....Transportation Bldg., Washington, D. C
R. J. Leimer, Asst. Director..... "
J. Elmer Monroe, Statistician..... "
Richard H. Johnston, Librarian..... "
E. K. Kloman, Treasurer..... "

1874—CANADIAN RAILWAY CLUB.

J. A. Shaw, President (C. P. R.).....Montreal, Que
E. R. Battley, Vice President (C. N. R.).....
C. R. Crook, Secretary (C. N. R.).....129 Charron St.,
P. P. Reynolds, Treasurer (C. P. Ry.).....
Regular Meetings—2d Tuesday in each month, except June, July and August, at Windsor Hotel, Montreal, Que.

1875—CAR FOREMEN'S ASSOCIATION OF CHICAGO, THE

J. E. Mehan, President (C., M. & St. P. Ry.) .....Milwaukee, Wis
C. J. Nelson, 1 Vice-President (Chicago Car Interchange Bureau)..Chicago, Ill
E. H. Meckstroth, 2 Vice-President (B. & O. R. R.).....
Aaron Kline, Secretary.....626 N. Pine Avenue,
H. A. Simms, Treasurer.....15 N. Wabash Ave.,
Regular Meeting—2d Monday in each month, except June, July and August, 8 P. M., Great Northern Hotel, Chicago, Ill.

1876—CAR FOREMEN'S ASSOCIATION OF ST. LOUIS.

C. R. Weigmann, President (Relay Depot.).....East St. Louis, Ill
J. L. Harter, Vice-President (So. Ry. Sys.).....
R. E. Giger, Secretary.....721 No. 23rd St.,
M. Monroe, Treasurer (Penn. R. R.).....
Regular Meeting—1st Tuesday in each month, except June, July, August.

1876a—CAR FOREMEN'S CLUB OF LOS ANGELES.

F. E. Geibel, President .....514 East Eighth Street, Los Angeles, Cal
W. A. Johnston, Vice-President.....
J. W. Krause, Secretary and Treasurer.....
Regular Meeting—2d Friday of each month, Pacific Electric Club Bldg., 514 East Eighth Street, Los Angeles, Cal.

1877—CENTRAL FREIGHT ASSOCIATION.

E. Morris, Chairman.....608 So. Dearborn St., Chicago, Ill
J. E. Williams, Vice-Chairman.....
F. R. Garrison, Secretary.....

1878—CENTRAL PASSENGER ASSOCIATION.

C. A. Fox, Chairman. .....608 So. Dearborn St., Chicago, Ill
R. E. Pepper, Secretary.....
Regular Meeting—2d Wednesday following the 3d Tuesday in each month.

1879—CENTRAL RAILWAY CLUB.

A. E. Calkins, President (N. Y. C. R. R.).....466 Lexington Ave., New York, N. Y
F. M. Barker, Vice-President (L. V. R. R.).....Buffalo, N Y
Harry D. Vought, Secretary-Treasurer.....26 Cortlandt Street,
Regular Meeting—8 P. M. 2d Thursday in each month, except June, July and August, at Hotel Statler, Buffalo, N. Y.

1880—CHIEF INTERCHANGE CAR INSPECTORS' & CAR FOREMEN'S ASSOCIATION OF AMERICA.

W. P. Elliott, President (Term. R. R. Assn.).....East St. Louis, Ill
B. F. Jamison, 1 Vice-President (So. Ry. Sys.).....Meridian, Miss
E. R. Campbell, 2 Vice-President (Twin City Joint C. I. Ass'n)...St. Paul, Minn
M. E. Fitzgerald, 3 Vice-President (C. & E. I. Ry. Co.).....Danville, Ill
A. S. Sternberg, Sec. and Treas. (M.C.B. Belt Ry. of Chicago) .....Chicago, Ill
Annual Convention—Hotel Sherman, Chicago, Ill., September 21-23, 1926.

1881—CHIEF INTERCHANGE CAR INSPECTORS' & CAR FOREMEN'S SUPPLY MEN'S ASSOCIATION.

E. A. Lefleau, President (Chicago Ry. Equip. Co.).....Chicago, Ill
J. C. Keene, 1 Vice-President (Bradford Corp.).....
J. W. Fogg, 2 Vice-President (McLean-Fogg Corp.).....
J. T. Cralley, 3 Vice-President (Union Metal Products Co.).....
C. T. Weil, 4 Vice-President (American Brake Shoe & Foundry Co.)
B. S. Johnson, Sec. & Treas. (W. H. Miner, Inc.), 209 So. LaSalle St.,
Next Meeting—
(Associated with Chief Interchange Car Insp. & Car Foremen's Association.)

1882—CINCINNATI RAILWAY CLUB.

W. C. Cordie, President (B. & O. R. R.).....Cincinnati, O
J. A. Bevis, 1 Vice-President (C., C., C. & St. L.)..... "
W. W. Alexander, 2 Vice-President (L. & N. R. R.).....Covington, Ky
D. R. Boyd, Secretary.....811 Union Central Bldg., Cincinnati, O
A. G. Oberding, Treasurer (American Brake Shoe & Fdy. Co).... "
Regular Meeting—2d Tuesday February, May, September and November.

1882a—CLEVELAND STEAM RAILWAY CLUB.

G. L. Foster, President (Clev. Car Insp. Assn.).....Cleveland, O
C. Rhodes, 1 Vice-President (Erie R. R.)..... "
R. A. Kleist, 2 Vice-President (B. & O. R. R.).....Lorain, O
F. L. Frericks, Secretary & Treas. (N. Y. C. R. R.), 14416 Alder Ave., Cleveland, O
Regular Meeting—1st Monday in each month, except July, August, September, Hotel Hollenden, Cleveland, O.

1882b—COMMITTEE ON PUBLIC RELATIONS OF THE EASTERN RAILROADS.

E. E. Loomis, Chairman (Lehigh Valley R. R.).143 Liberty St., New York, N. Y
Robert S. Binkerd, Vice-Chairman..... " "

1882c—CONSOLIDATED CLASSIFICATION COMMITTEE.

R. C. Fyfe, Chairman.....404 Chicago Union Station, Chicago, Ill

1883—EASTERN ASSOCIATION OF CAR SERVICE OFFICERS.

M. R. Clinton, Vice-President (P. & L. E. R. R.)..... .....Pittsburgh, Pa
J. T. Bougher, Secretary and Treasurer (Reading Co.), Reading Terminal, Philadelphia, Pa
Annual Meeting—New York, N. Y., last Thursday in September.

1884—EASTERN RAILROAD ASSOCIATION.

J. T. Wallis, President (Ch. M. P. Penn. Sys.).....Philadelphia, Pa
Geo. W. Kittredge, Vice-President (N. Y. C. R. R.).....New York, N. Y
R. J. Fisher, Gen. Counsel.....Washington, D. C
M. H. Coulston, Asst. Counsel..... "
E. N. Bessling, Secretary.....614 F St., N. W., "
Washington Loan & Trust Co., Treasurer..... "
Annual Meeting—Railroad Club, New York, N. Y., May 13, 1926.

1885—FEDERAL VALUATION OF THE RAILROADS IN THE UNITED STATES, PRESIDENTS' CONFERENCE COMMITTEE.

Samuel Rea, General Chairman.. .....Philadelphia, Pa
Thos. W. Hulme, Vice-Chairman, 429 Commercial Trust Bldg., "
F. H. Lee, Secretary.... " " "
Geo. A. Walker, Treasurer..... " "

1886—GENERAL MANAGERS' ASSOCIATION OF CHICAGO.

J. W. Higgins, Chairman .....608 So. Dearborn St., Chicago, Ill
S. H. Schneider, Secretary and Treasurer..... " "

1887—GENERAL MANAGERS' ASSOCIATION OF NEW YORK.

E. M. Rine, Chairman (D. L. & W. R. R.).....90 West St., New York, N. Y
R. V. Massey, Vice-Chairman.....Philadelphia, Pa
H. J. Forster, Secretary & Treasurer.....30 Vesey St., New York, N. Y

1888—INTERNATIONAL RAILROAD MASTER BLACKSMITHS' ASSOCIAT'N.

H. W. Loughridge, President (P. & L. E. R. R.).....McKees Rocks, Pa
L. C. H. Weideman, 1 Vice-President .....Indianapolis, Ind
W. W. Shackford, 2 Vice-President.....Waycross, Ga
W. J. Mayer, Secretary & Treas. (M. C. R. R.)....2347 Clark Ave., Detroit, Mich
Next Meeting—Hotel Winton, Cleveland, O., August 17–19, 1926.

1888a—INTERNATIONAL RAILROAD MASTER BLACKSMITHS' SUPPLY MEN'S ASSOCIATION.

J. A. Murray, President.....50 Church St., New York, N. Y
A. N. Lucas, Vice-President .....80 E. Jackson Blvd., Chicago, Ill
Edwin T. Jackman, Secretary and Treasurer.....710 W. Lake St., "
Next Meeting—Hotel Winton, Cleveland, O., August 17–19, 1926.
(*Associated with International Railroad Master Blacksmiths' Association.*)

1889—INTERNATIONAL RAILWAY FUEL ASSOCIATION.

J. W. Dodge, President (I. C. R. R. Co.) .....Chicago, Ill
E. E. Chapman, Vice-President (A. T. & S. F. Ry.).....Topeka, Kan
J. E. Davenport, Vice-President (N. Y. C. R. R.).....Utica, N. Y
W. J. Tapp, Vice-President (D. & R. W. Ry.).....Denver, Col
J. B. Hutchison, Secretary and Treasurer (Railway Educational Bureau), 1809 Capitol Ave., Omaha, Neb
Next Meeting—Hotel Sherman, Chicago, Ill., May 11-14, 1926.

1890—INTERNATIONAL RAILWAY GENERAL FOREMEN'S ASSOCIATION.

H. E. Warner, President (N. Y. C. R. R.).....Elkhart, Ind
C. A. Barnes, Vice-President (C. & W. I. Belt R. R.).....Chicago, Ill
Wm. Hall, Secretary & Treasurer.....1061 W. Wabasha, Winona, Minn
Annual Convention—Chicago, Ill., September 7-10, 1926.

1891—INTERNATIONAL RAILWAY SUPPLY MEN'S ASSOCIATION.

B. Browne, President (Superheater Co.).....17 E. 42nd St., New York, N. Y
F. S. Wilcoxen, V.-Pres. (Edna Brass Co.)...332 So. Michigan Ave., Chicago, Ill
F. P. Roesch, Secretary (Standard Stoker Co.) 332 So. Michigan Ave., "
W. H. Harris, Treasurer (W. H. Harris Coal Co.).343 S. Dearborn St., "
E. E. Thulin, Asst. Sec.-Treas. (The Duff Mfg. Co.), 122 So. Michigan Ave., Chicago, Ill
Next Meeting—Hotel Sherman, Chicago, Ill., May 11-14, 1926.
(*Associated with International Railway Fuel Association.*)

1892—MAINTENANCE OF WAY MASTER PAINTERS' ASSOCIATION.

H. F. Jones, President (Big Four Ry.).....Wabash, Ind
B. E. Darrow, Vice-Pres. (Santa Fe.). 6408 Independence Ave., Kansas City, Mo
E. E. Martin, Sec. & Treas....Room 23, Elec. Union Depot, Salt Lake City, Utah
Annual Convention—

1893—MASTER BOILER MAKERS' ASSOCIATION.

T. F. Powers, President (C. & N. W. Ry.).....Oak Park, Ill
J. F. Raps, Vice-President (I. C. R. R.).....Chicago, Ill
Harry D. Vought, Secretary.....26 Cortlandt St., New York, N. Y
W. H. Laughridge, Treasurer.....537 Linwood Ave., Columbus, O
Annual Meeting—Buffalo, N. Y., May 25-28, 1926.

1893a—MOBILE TRAFFIC & TRANSPORTATION CLUB.

W. E. Kennedy, President (M. & O. R. R.).....Mobile, Ala
J. E. Patterson, 1 Vice-President (J. E. Patterson Lbr. Co.)..... "
E. E. Quincey, 2 Vice-President (Mallory S. S. Co.)..... "
T. C. Schley, Secretary and Treasurer (G. M. & N. R. R.)..... "
Regular Meeting—2nd and 4th Mondays, Cawthon Hotel, Mobile, Ala.

1894—NATIONAL ASSOCIATION OF OWNERS OF R. R. SECURITIES. NATIONAL RAILWAY SERVICE CORPORATION.

M. W. Harrison, President.....11 E. 36th St., New York. N. Y
N. D. Ballantine, Vice-President.....Baltimore, Md
D. P. Kingsley, Vice-President.....New York, N. Y
J. J. Mitchell, Vice-President.....Chicago, Ill

1894a—NATIONAL ASSOCIATION OF RAILROAD AND UTILITIES COMMISSIONERS.

A. G. Patterson, President.....Montgomery, Ala
J. F. Shaughnessy, Vice-President.....Carson City, Nev
H. G. Wells, Vice-President.....Boston, Mass
J. B. Walker, Secretary.....270 Madison Ave., New York, N. Y
C. S. Bailey, Assistant Secretary.....Washington, D. C
J. E. Benton, General Solicitor..... "
E. W. Reed, Valuation Solicitor..... "
Annual Convention—Asheville, N. C., November 9, 1926.

1895—NATIONAL RAILWAY APPLIANCES ASSOCIATION.

W. B. Murray, President (Miller Train Control Corp.).....Danville, Ill
L. E. Weidman, Vice-President (The Frog & Switch Mfg. Co.).....Carlisle, Pa
W. J. Gillingham, Hon. Director (Union Switch & Signal Co.)..New York, N. Y
C. W. Kelly, Secretary and Treasurer.....845 So. Wabash Ave., Chicago, Ill
Next Meeting—Chicago, Ill., March 7-10, 1927.
(*Associated with American Railway Engineering Association.*)

1896—NATIONAL SCALE MEN'S ASSOCIATION.

E. C. Jackson, President (So. Pac. Lines).....Houston, Tex
H. B. Glaze, Vice-President (Morgan Short Line).....Salt Lake City, Utah
J. M. Bylsma, Secretary and Treasurer.....608 So. Dearborn St., Chicago, Ill
Annual Meeting—Kansas City, Mo., April, 1927.

1897—NEW ENGLAND RAILROAD CLUB.

F. J. Carty, President (B. & A. R. R.).....So. Station, Boston, Mass
F. C. Shepherd, Vice-President (B. & M. R. R.)..... "
Wm. E. Cade, Jr., Secretary.....683 Atlantic Ave., "
C. H. Sherburne, Treasurer.....53 Oliver St., "
Regular Meetings—Copley-Plaza Hotel, Boston, Mass., 2d Tuesday in each month excepting June, July, August and September.

1898—NEW YORK RAILROAD CLUB.

W. F. Jones, President (N. Y. C. R. R.).....West Albany, N. Y
W. G. Gove, Vice-President.....85 Clinton St., Brooklyn, N. Y
Harry D. Vought, Secretary.....26 Cortlandt St., New York, N. Y
David W. Pye, Treasurer.....30 Church St., "
Regular Meeting—3rd Friday of each month except June, July and August at 29 W. 39th St., New York, N. Y.

1899—NIAGARA FRONTIER CAR MEN'S ASSOCIATION.

Geo. Graeber, President (D. L. & W. R. R.).....Buffalo, N. Y
G. A. J. Hochgrebe, Secretary (Penna. R. R.)....625 Brisbane Bldg. "
J. M. Getzen, Treasurer..... "
Regular Meetings—January, March, May, September and October.

1899a—NORTHWESTERN ASSOCIATION OF TRANSPORTATION AND CAR ACCOUNTING OFFICERS.

F. M. Gates, President (Mil., St. P. & S. S. M. Ry.).....Minneapolis, Minn
R. B. Croll, Vice-President (C. G. W. R. R.).....Chicago, Ill
T. J. Joyce, Secretary (No. Pac. Ry. Co.).....St. Paul, Minn
Regular Meetings—2d Wednesday of January, March, May, July and November at St. Paul Minn.
Next Meeting—St. Paul, Minn., May 12, 1926.

1900—OFFICIAL CLASSIFICATION COMMITTEE.

D. T. Lawrence, Chairman.....143 Liberty St., New York, N. Y
O. F. Lovenberg, Secretary..... " "

1901—PACIFIC RAILWAY CLUB.

J. A. Christie, President (A. T. & S. F. Ry. Co.).....San Francisco, Cal
W. T. Small, Vice-President (N. W. P. R. R. Co.).....Tiburon, Cal
D. A. Porter, Vice-President (S. P. Co.).....Oakland, Cal
W. S. Wollner, Secretary (N. W. P. R. R. Co.)....64 Pine St., San Francisco, Cal
R. G. Harmon, Treasurer (W. P. D. & R. G. R. Rs.)..... "
Regular Meetings—2d Thursday of each month in San Francisco and Oakland Cal., alternately.

1901a—RAILROAD OWNERS ASSOCIATION.

J. D. Shatford, Chairman.....801 Hibbs Bldg., Washington, D. C
F. W. Mundy, Vice-Chairman.....61 Broadway, New York, N. Y
S. G. Hopkins, Secretary.....801 Hibbs Bldg., Washington, D. C

1902—RAILWAY ACCOUNTING OFFICERS' ASSOCIATION.

W. C. Wishart, President (N. Y. C.).....New York, N. Y
G. E. Bissonnet, 1 Vice-President (U. P. Sys.).....Omaha, Neb
E. H. Kemper, 2 Vice President (So. Ry. Sys.).....Washington, D.C
E. R. Woodson, Secretary & Treasurer..1116 Woodward Bldg., "
Annual Meeting—Chateau Frontenac, Quebec, Que., June 8-11, 1926.

1903—RAILWAY ASSOCIATION OF CANADA.

E. W. Beatty, President (Canadian Pacific Ry.).....Montreal, Que
C. P. Riddell, Gen. Secretary and Treasurer....263 St. James St., "
Annual Meeting—Montreal, Que., May, 1926.

1904—RAILWAY BUSINESS ASSOCIATION.

Alba B. Johnson, President.....1406 Packard Bldg., Philadelphia, Pa
B. L. Winchell, Vice-President.....New York, N. Y
E. M. Zehnder, Vice-President.....Scranton, Pa
J. G. Platt, Vice-President.....Boston, Mass
S. M. Hastings, Vice-President.....Chicago, Ill
W. E. Sharp, Vice-President..... "
S. L. Smith, Vice-President.....Cleveland, O
H. I. Lord, Vice-President.....Detroit, Mich
Frank W. Noxon, Secretary.....1406 Packard Bldg., Philadelphia, Pa
P. Harvey Middleton, Treasurer..... "

Annual Meeting—

1905—RAILWAY CLUB OF PITTSBURGH.

F. G. Minnick, President.....Pittsburgh, Pa
G. W. Wildin, 1 Vice-President.....Wilmerding, Pa
J. L. Cunningham, 2 Vice-President.....Pittsburgh, Pa
J. D. Conway, Secretary.....515 Grandview Ave., "
F. H. Stark, Treasurer.....Coraopolis, Pa

Regular meetings at Fort Pitt Hotel, Pittsburgh, Pa., 4th Thursday of each month, except June, July and August.

1906—RAILWAY ELECTRIC SUPPLY MANUFACTURERS' ASSOCIATION.

E. A. Lundy, President (E. A. Lundy Co.).....Pittsburgh, Pa
W. H. Fenley, Vice-President (Kerite Ins. Wire & Cable Co.).....Chicago, Ill
G. R. Berger, Vice-President (Gould Coupler Co.)..... "
Edward Wray, Secretary & Treasurer (Ry. Pur. & Stores)..... "

Next Meeting—Chicago, Ill., October 27-30, 1926.

(*Associated with Association of Railway Electrical Engineers.*)

1907—RAILWAY EQUIPMENT MANUFACTURERS' ASSOCIATION.

H. A. Varney, President (Distance Speed Recorder Co.),
332 So. Michigan Ave., Chicago, Ill
J. Sinkler, 1 Vice-Pres. (Pilot Packing Co.)...122 So. Michigan Ave., "
J. F. Gettrust, 2 Vice-President (Ashton Valve Co.),
565 W. Washington Blvd., "
F. W. Venton, Secretary & Treas. (Crane Co)..836 So. Michigan Ave., "

Annual Meeting—Hotel Sherman, Chicago, Ill., September 14-17, 1926.

(*Associated with Traveling Engineers' Association.*)

1908—RAILWAY FIRE PROTECTION ASSOCIATION.

C. C. Michie, President (C. & O. R. R.).....Richmond, Va
G. S. Giles, Vice-President (U. P. Sys.).....Omaha, Neb
R. R. Hackett, Secretary and Treasurer (B.&O.R.R.)..B.&O.Bldg., Baltimore, Md

Annual Meeting—2nd Tuesday, Wednesday and Thursday in October.

1908a—RAILWAY REAL ESTATE ASSOCIATION.

J. T. Maher, President (G. N. Ry.).....St. Paul, Minn
O. F. Scudder, 1 Vice-President (C. B. & Q. Ry.).....Chicago, Ill
P. McPherson, 2 Vice-President (Can. Pac. Ry.).....Winnipeg, Man
R. H. Morrison, Secretary & Treasurer (C. & O. Ry.).....Richmond, Va

1909—RAILWAY SUPPLY MANUFACTURERS' ASSOCIATION.

L. S. Wright, President (Nat'l Malleable & Steel Castings Co.).....Chicago, Ill
W. H. S. Bateman, Vice-President (Parkesburg Iron Co.).....Philadelphia, Pa
J. D. Conway, Secretary & Treasurer.....1841 Oliver Bldg., Pittsburgh, Pa

Annual meeting—Atlantic City, N. J., June 9-16, 1926.

1910—RAILWAY TELEGRAPH AND TELEPHONE APPLIANCE ASSOCIAT'N.

W. L. Cook, Chairman (Reliable Electric Co.).....Chicago, Ill
A. E. Pratt, Vice-Chairman (National Carbon Co., Inc.).....Cleveland, O
G. A. Nelson, Secretary and Treasurer (The Waterbury Battery Co.).....30 Church St., New York, N. Y

Next Meeting—Swampscott, Mass., September 21-23, 1926.

(*Associated with American Railway Ass'n—Operating Div. I, Tel. & Tel. Section*

1910a—RAILWAY TICKET PROTECTIVE BUREAU.

C. A. Fox, Chairman—Treasurer.....608 So. Dearborn St., Chicago, Ill
H. A. Koach, Assistant to Chairman..... " " "
Eben E. MacLeod, Secretary..... " " "

1910b-RAILWAY TREASURY OFFICERS ASSOCIATION.

J. T. Reid, President (A. C. L.).....Wilmington, N. C
F. L. Koontz, Vice-President (E. J. & E.).....Chicago, Ill
C. Messick, 2 Vice President (St. L. S.).....St. Louis, Mo
L. W. Cox, Secretary & Treasurer, 1217 Commercial Trust Bldg., Philadelphia, Pa

Next Meeting—White Sulphur Springs, W. Va., September 24-25, 1926.

1911—ROADMASTERS' AND MAINTENANCE OF WAY ASS'N OF AMERICA.

G. W. Morrow, President (N. Y., N. H. & H.).....New Haven, Conn
J. B. Kelley, 1 Vice-President (Soo Line).....Minneapolis, Minn
J. P. Davis, 2 Vice-President (Central Indiana Ry. Co.).....Anderson, Ind
T. F. Donahue, Secretary (B. & O. Ry.).....428 Mansion St., Pittsburgh, Pa
J. Sweeney, Treasurer (C. & E. I. Ry.).....Danville, Ill

Annual Convention—Auditorium Hotel, Chicago, Ill., September 21-23, 1926.

1912—

1913—ST. LOUIS RAILWAY CLUB.

W. E. Williams, President (M, K. & T. Ry.).....St. Louis, Mo
E. H. Harman, Vice-President (Term. R. R.)..... "
R. J. Lockwood, Vice-President (United Rys.)..... "
G. M. Zimmer, Vice-President (Pullman Co.)..... "
E. W. Frauenthal, Secretary and Treasurer.....M. P. O. Drawer 24, "

Regular Meetings—2d Friday in each month, except June, July and August.

1914—

1915—SIGNAL APPLIANCE ASSOCIATION.

W. P. Allen, Chairman.....150 Broadway, New York, N. Y
G. A. Nelson, Vice-Chairman.....30 Church St., "
F. W. Edmunds, Sec. & Treas.....West Nyack (Rockland Co.), N. Y

Next Meeting—Hotel Ambassador, Los Angeles, Cal., September 7-9, 1926.

(*Associated with American Railway Ass'n—Engineering Div. IV, Signal Section.*)

1916—

1917—SOUTHEASTERN PASSENGER ASSOCIATION.

W. H. Howard, Chairman.....Room 1007, 101 Marietta St., Atlanta, Ga
G. G. Shepard, Supt. Tariff Department. " " "
G. D. Snow, Secretary..... " " "

1918—SOUTHERN AND SOUTHWESTERN RAILWAY CLUB.

A. J. Law, President (N. C. & St. L. Ry.).....Chattanooga, Tenn
C. S. Patton, 1 Vice-President (S. A. L. Ry.).....Savannah, Ga
A. T. Miller, Secretary (A. & W. P. R. R.).....P. O. Box 1205, Atlanta, Ga
G. E. Watts, Treasurer.....Candler Bldg., "

Regular Meetings—3d Thurday in Jan., Mar., May, July, Sept. and Nov.
Annual Meeting—3d Thursday in November, Ansley Hotel, Atlanta, Ga.

1918a—SOUTHERN ASSOCIATION OF CAR SERVICE OFFICERS.

J. L. Carrier, President (Tenn. Cen. R. R.).....Nashville, Tenn
W. L. Humphrey, Vice-President (C. & W. C. Ry.).....Augusta, Ga
R. G. Parks, Secretary & Treasurer (A. B. & A. Ry.).....Atlanta, Ga
Next Meeting—St. Augustine, Fla., July 22, 1926.

1919—SOUTHERN CLASSIFICATION COMMITTEE.

E. H. Dulaney, Chairman.....101 Marietta St., Room 1015, Atlanta, Ga
J. N. Steadwell..... " " "
E. K. Voorhees..... " " "

1920—SOUTHERN FREIGHT ASSOCIATION.

Charles Barham, Chairman.....101 Marietta St., Atlanta, Ga
L. E. Chalenor, Secretary..... " "

1921—SOUTHERN WEIGHING & INSPECTION BUREAU.

I. G. Markey, Manager.....101 Marietta St., Room 920, Atlanta, Ga

1922—SOUTHWESTERN CAR SERVICE ASSOCIATION.

O. W. Campbell, President (M. K. & T. R. R.).....Denison, Tex
R. L. May, Vice-President (F. W. & D. C. Ry.).....Ft. Worth, Tex
J. D. Sweeney, Secretary-Treasurer (P. & S. F. Ry.).....Amarillo, Tex
Regular Meetings—3d Thursday in January, April, July and October.
Next Meeting—Dallas, Tex., July 15, 1926.

1923—SOUTHWESTERN FREIGHT BUREAU.

F. A. Leland, Chairman.....Century Bldg., St. Louis, Mo
J. E. Johanson, Tar. Publishing Agt..... " "
J. P. Berryman, Secretary..... " "

1923a—SOUTHWESTERN PASSENGER ASSOCIATION.

J. E. Hannegan, Chairman.....704 Compton Bldg., St. Louis, Mo

1924—SUPPLY ASSOCIATION OF THE AMERICAN RAILWAY TOOL FOREMEN'S ASSOCIATION.

H. K. Clark, President (Norton Co.).....11 No. Jefferson St., Chicago, Ill
W. R. Mau, Sec. & Treas. (Vanadium Alloys Steel)... W. Lake St., "
Next Meeting—Hotel Sherman, Chicago, Ill., September 1-3, 1926.
(*Associated with American Railway Tool Foreman's Association.*)

1925—TRACK SUPPLY ASSOCIATION.

L. C. Ryan, President (Oxweld R. R. Serv. Co.).80 E. Jackson Blvd., Chicago, Ill
A. H. Told, Vice-President (Positive Rail Anchor Co.).....Marion, Ind
W. C. Kidd, Secretary and Treasurer (Ramapo Ajax Corp.).....Hillburn, N. Y
Annual Convention—Auditorium Hotel, Chicago, Ill., September 21-23, 1926.
(*Associated with Roadmasters and Maint. of Way Assn. of America.*)

1925a—TRAIN SERVICE BOARD OF ADJUSTMENT FOR THE SOUTHEASTERN REGION.

E. W. Grice, Chairman.....Room 402, 1319 F Street, N. W., Washington, D. C
F. A. Burgess, Vice-Chairman..... "
J. L. Mindling, Secretary..... "

1925b—TRAIN SERVICE BOARD OF ADJUSTMENT FOR THE WESTERN REGION.

W. E. Morse, Chairman.....Chicago, Ill
M. C. Carey, Vice-Chairman..... "
H. C. Husbands, Secretary..... "

1925c—TRAIN SERVICE BOARD OF ADJUSTMENT FOR THE EASTERN REGION.

F. E. Dewey, Chairman...Suite 5043, Grand Central Terminal, New York, N. Y
W. N. Doak, Vice-Chairman..... "
T. S. McFarland, Secretary..... "

1926—TRANS-CONTINENTAL FREIGHT BUREAU.

H. G. Toll, Agent.....608 So. Dearborn St., Chicago, Ill
B. T. Booze, Chief Assistant..... "
John Auld, Secretary..... "
E. B. Booth Treasurer..... "

1927—TRAVELING ENGINEERING ASSOCIATION.

J. N. Clark, President (So. Pac. Co.).....San Francisco, Cal
J. B. Hurley, 1 Vice-President (Wabash Ry.).....Decatur, Ill
J. D. Heyburn, 2 Vice-President (St. L. & S. F. R. R.).....Ft. Smith, Ark
J. Fahey, 3 Vice-President (N. C. & St. L.).....Nashville, Tenn
R. Hammond, 4 Vice-President (N. Y., N. H. & H. R. R.)
Union Station, Providence, R. I
A. N. Boyd, 5 Vice-President (Canadian National Railways).....Montreal, Que
W. O. Thompson, Secretary (N. Y. Cent. R.R.)...1177 East 98th St., Cleveland, O
D. Meadows, Treasurer (Mich. Cent. R. R.)...58 Roseberry Pl., St. Thomas, Ont
Annual Meeting—Hotel Sherman, Chicago, Ill., September 14-17, 1926.

1928—TRUNK LINE ASSOCIATION.

R. N. Collyer, Chairman.....143 Liberty St., New York, N. Y
W. S. Curlett, Asst. to Chairman..... " "
C. M. Burt, Chairman, Passenger Department " "

1929—TRUNK LINE FREIGHT INSPECTION BUREAU.

W. J. Edwards, Manager.....143 Liberty St., New York, N. Y

1930—WESTERN ASSOCIATION OF GENERAL BAGGAGE AGENTS.

W. J. Alexander, Chairman (C. & A.).....Chicago, Ill
O. A. Roedell, Secretary (M., St.P.& S.S.M.), care of Soo Line. Minneapolis, Minn
Next Meeting—Des Moines, Ia., April 28, 1926.

1931—

1932—WESTERN CLASSIFICATION COMMITTEE.

R. C. Fyfe, Chairman..... .....404 Chicago Union Station, Chicago, Ill

1933—WESTERN PASSENGER ASSOCIATION.

Eben E. MacLeod, Chairman.....608 So. Dearborn St., Chicago, Ill
T. Thompson, Secretary..... "
G. J. Maguire, Chief of Tariff Bureau..... "

1934—WESTERN R. R. ASSOCIATION.

Samuel M. Felton, President.....Chicago, Ill
Geo. S. Payson, General Counsel and Treasurer..... "
Chas. L. Howard, Sec. & Asst. Gen. Coun.....400 No. Michigan Ave., "
Annual Meeting—3d Tuesday in January.

1935—WESTERN RAILWAY CLUB.

W. F. Thiehoff, President (C., B. & Q. Ry.).....Chicago, Ill
F. W. Rosser, 1 Vice-President (Erie R. R.)..... "
F. G. Nicholson, 2 Vice-President (C. & E. I. Ry.)..... "
Bruce V. Crandall, Secretary & Treasurer.....189 West Madison St., "
Regular Meetings—3d Monday in each month, except June, July and August.

1936—WESTERN SOCIETY OF ENGINEERS.

53 W. Jackson Blvd., Chicago, Ill.
H. E. Niesz, President.....72 W. Adams St., Chicago, Ill
F. E. Morrow, 1 Vice-President..... Dearborn Station, "
Major R. W. Putnam, 2 Vice-President.....537 So. Dearborn St., "
J. A. Garcia, 3 Vice-President.....21 E. Van Buren St., "
E. S. Nethercut, Secretary.....53 W. Jackson Blvd., "
Geo. W. Hand, Treasurer.....226 W. Jackson Blvd., "
Technical Meeting—Mondays except June, July and August.
Annual Meeting—1st Wednesday in June each year.

1937—WESTERN TRUNK LINE COMMITTEE.

E. B. Boyd, Chairman.....Union Station, Chicago, Ill

1938—WESTERN WEIGHING & INSPECTION BUREAU.

A. S. Dodge, Manager.....608 So. Dearborn St., Chicago, Ill
F. J. Hoffmann, Assistant Manager..... "

1939-1950—

ALPHABETICAL LIST OF OFFICIALS.

The number prefixed to the name indicates the road, company, commission or association with which the official is connected.

Explanation of numeral prefixes.

Numbers 1 to 1082a—Railroad Companies.
" 1200 to 1699c—Private Car Lines.
" 1700 to 1702—Express Companies.
" 1703 to 1704—Telegraph Companies.
" 1800—United States Railroad Administration.
" 1800a to 1849g—National and State Railroad Commissioners.
" 1850 to 1938—Associations of Railroad Officers.

A

428—Asgaard, P., Gen. Bldg. Insp.
883a—Aaron, E. C., Str. Kpr.
58a—Abair, L., Str. Kpr.
280—Abbett, E. H., Div. Rd. Mast.
629—Abbey, H. C., Aud.
1414—Abbot, C., Traf. Mgr.
847—Abbott, A. S., Rnd. Hse. For.
207—Abbott, A. T., Div. Supt.
137c—Abbott, C. A., Div. Car For.
137c—Abbott, C. R., Str. Kpr.
1852a—Abbott, E. A., Sec.
191—Abbott, L. B., Ch. Elec.
1001b—Abbott, L. E., Gen. Clm. Agt.
808—Abbott, R. B., Asst. Gen. Supt.
230—Abbott, T. S., Res. Eng.
523—Abbott, W. W., Div. Supt.
428—Abel, R. S., Supvr.
180—Abel, W. H., G. P. A.
733—Abel, W. H., V.-Pres.
879—Abercrombie, D. P., Recr.
716—Aberg, H. A., Trav. Car Serv. Agt.
693b—Abernathy, H. D., Sig. Insp.
204a—Abrahart, H., Asst. Div. M. M.
40a—Abramson, J. O., Rd. Mast.
546—Abramson, L., Ch. Surg.
93a—Achee, L. J., Aud. & Traf. Mgr.
322—Achenbach, G. A. W., Asst. Sec.
75—Achenbach, J., Pres.
1023—Acheson, A. M., V.-Pres., & Ch. Eng.
14—Acheson, F. W., Pur. Agt.
757—Acheson, J. G., Div. Str. Kpr.
274—Acker, C. M., Sig. Supvr.
1051—Ackerly, O. B., Asst. G. F. A.
473—Ackerman, F. J., Sig. Eng.
195b—Ackerman, W. F., Supt. Shops.
693a—Ackert, A. M., Rd. For. Eng.
242—Ackroyd, J. A., Sec.
322—Ackworth, H. J., Div. Str. Kpr.
229—Ackworth, J. H., Rd. For. Eng.
610—Acosta, A. C., Div. Eng.
610—Acosta, J. R., M. M.
727b—Acres, R., Rd. Mast.
1021—Acuff, P. B., Fuel Supvr.
626a, 947—Adams, A. A., Traf. Mgr.
705a—Adams, A. C., Supt. M. P.
204—Adams, A. C., Asst. Supt. Tel.
1842—Adams, B. D., Chman.
428—Adams, B. T., Asst. Gen. Str Kpr.
751b—Adams, C. E., Supvr.
40c—Adams, C. K., Asst. G. F. A.
815—Adams, C. P., For. Paint.
693a—Adams, C. S., Div. Gen. For. Car Dept.
600—Adams, C. W., Div. M. M.
199—Adams, E. D., Sec.
1001—Adams, E. E., Asst. to Pres.
382—Adams, E. E., Dist. Eng.
395—Adams, E. F., Asst. G. F. A.
108—Adams, E. H., Compt.
1014—Adams, F., Mgr. Dir.
207—Adams, F. A., Asst. Frt. Traf. Mgr.
808—Adams, F. B., Supvr.
294, 297—Adams, F. D., Gen. Solr.
137c—Adams, F. G., Asst. G. F. A.
40—Adams, F. H., Mech. Valua. Eng.
58a—Adams, F. W., Asst. Str. Kpr.
195b—Adams, G., Rd. Mast.
1001d—Adams, G., G. B. A.
751—Adams, G. J., Ch. of Corp. Work.
1001—Adams, H. M., V.-Pres.
322c—Adams, H. R., Div. Supt.
278—Adams, J. L., Supt. Transp.
98—Adams, K., Pres.
549—Adams, L. L., Rd. Mast.
406—Adams, L. N., Aud.
718c—Adams, Jr., N. J., Car Serv. Agt.
342—Adams, R., Fuel Supvr.
930—Adams, R., Aud.
751c—Adams, R. L., Supvr.
653—Adams, S. F., Gen. Supt.
985—Adams, S. R., Gen. Mgr.
693a—Adams, T. S., Sig. Supvr.
100—Adams, W. C., Supt.
96—Adams, W. E., Spec. Asst. to V.-Pres.
47—Adams, W. M., Sig. Supvr.
930—Adamson, D., Gen. For. Loco. Shops.
513a—Adamson, D. W., M. M.
157—Adamson, E. A., M. C. B.
1001a—Adamson, G. J., Div. Eng.
718c—Adamson, G. W., Asst. M. M. & Rd. For. Eng.
1001d—Adamson, R. L., Div. Eng.
539—Addison, C. L., Asst. to V.-Pres. & Asst. Sec.
1068—Aderholt, G. K., Rd. Mast.
139g—Ades, A. C., Rd. Mast.
274—Adey, W. H., Office Eng.
628b—Adrian, V. P., Dist. Str. Kpr.
58b—Adsit, C. R., Asst. Div. Eng.
281—Adsit, N. W., Treas.
1020c—Adsit, S. M., Traf. Mgr.
652a—Agar, C. A., G. F. A.
695—Agate, J. H., Asst. Gen. Coun.
716—Ager, W. J., Rd. Mast.
886—Agin, H. M., Rd. For. Eng.
927—Agner, R. L., Div. Str. Kpr.
627c—Agnew, H. B., Gen. Traf. Mgr
670—Aguilar, F., Rd. Mast.
670—Aguilera, F., Rd. Mast.
176—Ahearn, W. J., Gen. For. Loco. Dept.
97—Ahern, J. A., Div. Supt.
1849g—Ahern, M. J., Sec.
930—Ahern, P., Rd. Mast.
930—Ahern, T., Asst. Gen. Mgr.
1292—Ahern, T. J., Traf. Mgr.
1070—Ahern, W. A., Aud.
182—Ahlering, L. J., Gen. Str. Kpr.
693—Ahrens, R. P., Asst. Treas.
207—Aiken, A. D., Asst. G. F. A.
927, 927b—Aiken, E. N., G. P. A.
718c—Aiken, R. C., Asst. M. M. & Rd. For. Eng.
600—Aikens, B. A., Pur. Agt.
1835—Ainey, W. D. B., Chman.
58b—Ainslie, E. D., Asst. G. F. A.
930—Ainsworth, F. K., Ch. Surg.
157—Airey, C. T., V.-Pres. & Traf. Mgr.
1850—Aishton, R. H., Pres.
342—Aitcheson, F. L., Asst. to Gen. Supt. Trans.
927—Aitcheson, J., Gen. Acct.
1800a—Aitchison, C. B., Comr.
137b—Aitchison, J. F., Asst. Compt.
139c—Aitken, A., Asst. Supt.
927a—Akans, A. G., Rd. For. Eng.
927b—Akans, E. L., M. M.
382—Aker, W., Car For.
560—Akerman, C., Gen. Solr.
549—Akers, B., Supvr.

1090c—Akers, C. W., Rd. For. Eng.
627c—Akers, I. E., Supt. B. & B.
927—Akers, J. B., Asst. to V.-Pres.
496—Akers, R. E., Aud., G. F. & P. A.
137b—Akin, H. B., Dist. Str. Kpr.
279—Akin, J. R., R. W. Eng.
365—Akridge, J. E., Supvr. Trk.
716—Alair, W. E., For. Frt. Agt.
670—Alaniz, J. M., Gen. Str. Kpr.
316—Albarran, M. M., Str. Kpr.
275—Albers, G. L., For. Paint.
693a—Albers, L. H., Supvr. Air. Brk
737f—Albert, E. T., Frt. Clm. Agt.
523—Albright, E. A., Asst. Sec.
751b—Albright, J. S., Asst. to Eng. M. W.
322c—Albright, L. C., Supt. Trans.
47—Albright, P. R., V.-Pres. & Gen. Mgr.
743—Albritton, L. M., Supvr.
1007—Alcocer, A., Gen. Treas.
705—Alden, E. H., V.-Pres.
195—Alden, E. J., Asst. Sec.
40a, 40b—Alden, T. D., Asst. Aud.
1076b—Alden, W. T., Sec.
12—Alderman, P. R., V.-Pres., Gen. Mgr. & Traf. Mgr.
12—Alderman, R. J., Pres.
807—Aldrich, S., Pres.
156—Aldrich, W. W., G. F. & P. A. & Aud.
320—Aldridge, A. B., Recr.
964—Aldridge, S. V., Dist. Rd. Mast.
314—Aldridge, T., Supvr.
1007—Aleman, C., Clm. Agt.
670—Aleman, G. B., Gen. Agt.
204a—Alexander, A. F., Sig. Supvr
139—Alexander, E., Sec.
514a—Alexander, E. C., V.-Pres.
58—Alexander, E. E. Supvr. Tie Plant.
139h—Alexander, F. W., Dist. Eng.
139g—Alexander, G., Rd. Mast.
637—Alexander, G. M., Pres.
157—Alexander, G. W., Gen. Str. Kpr.
278—Alexander, H. J., Treas.
637—Alexander, J. D., Pur. Agt.
137b—Alexander, J. J., Car For.
989—Alexander, Jr., J. N., Gen. Supt.
1823—Alexander, S. B., Pres.
92a—Alexander, S. C., Supt.
137c—Alexander, W., Loco. For.
628b—Alexander, W. H., Str. Kpr.
1800, 1930—Alexander, W. J., Gen. Mail & Bag. Agt., Chman
628b—Alexander, W. L., Gen. Clm. Agt.
751a—Alexander, W. M., Asst. Supvr. Tel. & Sig.
1882—Alexander, W. W., 2 V.-Pres
280—Aley, A. F., Gen. For.
406—Alford, D. C., Pres.
958a—Alford, G. B., Pur. Agt. & Str. Kpr.
88a—Alford, S. A., Recr.
200—Alford, V. C., Sig. Insp.
334a, 757—Alfred, F. H., Pres., Pres. & Gen. Mgr.
229, 692x—Alger, M. J., Exec. Asst. to Pres.
469—Aliaga, P. D., Aud.
137—Allan, C. L., Ch. Draught.
137a—Allanach, S., Rd. Mast.
186—Allard, E. F., Gen. Fuel Supvr.
1801—Alldredge, J. H., Rate Expert
96—Allen, A. E., G. F. A.
308—Allen, A. M., Sec. & Treas.
92, 143, 267, 408—Allen, B. M. Eng. M. W.
88a—Allen, C. B., Pres. & Gen. Mgr
71c—Allen, C. E., Gen. M. M.
204b—Allen, C. F., Rd. Mast.
927b—Allen, C. F., Gen. For. Car Rep.
137g, 432a—Allen, C. H., Supt. Frt. Clm. Prev., Supt.
628b—Allen, D., Asst. G. F. A.
693a—Allen, E. A., Asst. Sig. Supvr.
204b—Allen, E. P., Sig. Supvr.
808—Allen, E. Y., Valua. Eng.
186—Allen, F. J., Gen. Dairy Agt.
956b—Allen, G. F., V.-Pres. & Gen. Mgr.
137b—Allen, G. H., Rd. Mast.
751—Allen, G. R., Asst. Gen. Coun
628a—Allen, H., Asst. G. F. A.
139a—Allen, H. H., B. & B. Mast.
207—Allen, H. E. Div. Supt.
628a—Allen, H. G., Gen. Car For.
139e—Allen, H. M., Div. M. M.
1598—Allen, H. M., Dist. Supt.
137—Allen, H. S., For. Paint.
265—Allen, H. T., Sec. & Aud.
195—Allen, J. A., Str. Kpr.
66a—Allen, J. H., Gen. Mgr.
139b—Allen, J. S., Div. M. M.
176—Allen, L. B., Supt. M. W.
394a—Allen, L. L., M. M.
207—Allen, L. M., V.-Pres. & Pass. Traf. Mgr.
968a—Allen, M. F., V.-Pres.
751a—Allen, P., Div. Supt.
671—Allen, P. H., Supt.
1827—Allen, R. A., Comr.
326—Allen, R. E., Sec. & Treas
66—Allen, S., Gen. Atty.
382—Allen, S., Dist. Rd. Mast.
58b—Allen, S. A., Frt. Traf. Mgr.
930—Allen, T. A., Rd. Mast.
718c—Allen, T. F., Asst. Supt.
176—Allen, T. H., Supvr. B. & B.
1675a—Allen, T. H. C., Gen. Mgr.
766—Allen, T. S., Mgr.
89—Allen, W. B., V.-Pres.
349—Allen, W. C., Asst. Valua. Eng.
860, 860a—Allen, W. J., Supt. Tel.
968—Allen, W. P., V.-Pres. & Treas.
1915—Allen, W. P., Chman.
639b—Allen, W. R., Pres.
1542—Allender, S. W., Traf. Mgr.
139—Allerton, A., Gen. Supt. Hotels.
235—Alley, G., Gen. Pur. Agt.
1001a, 1001b—Alley, G. L., G. B. A.
705—Alley, H. G., For.
705—Alley, J. B., Rd. Mast.
705a—Alley, W. C., M. M.
751a—Allibone, L. W., Div. Supt
946—Allison, E. F., Pres. & G. M.
1039—Allison, J. W., Frt. Traf. Mgr.
40a, 229—Allison, R. H., Gen. Mgr., Asst. to Gen. Mgr.
139—Allison, W. E., Gen. Agt. Mail., Bag. & Milk Traf.
716—Allmain, B. H., Rd. Mast.
26—Alloy, J. R., Sec. & Treas.
186—Allstrand, H. P., Effec. Supvr.
696—Allsworth, H. R., R. E. Agt.
1214, 1473a, 1523b—Almer, H., Gen. Mgr., Traf. Mgr., Traf. Mgr.
670—Alonso, D. S., Div. Term. Supt.
275—Alquist, P., M. C. B.
55—Alschuler, B. P., V.-Pres.
194—Alschuler, B. P., Gen. Atty.
1806—Alsop, J. W., Comr.
182—Alspaugh, H. E., Gen. For.
159—Alter, W., Gen. For. Car Dept
66a—Altheimer, B. J., Treas.
1001b—Althof, L. W., Div. Eng.
139—Altimas, J. D., Asst. Gen. Supt. Trans.
751b—Altman, H. F., For. Car Rep
751b—Alton, E. E., For. Car Shops
14, 14a—Alton, J. M., Trens.
186—Alton, W. B., Eng. Hse. For.
670—Alvarado, G. J., M. M.
670—Alvear, A., M. M.
670—Alvercz, P. S., Div. Supt.
319—Alvey, J. M., Gen. Mgr.
1848—Alward, H. F., Coun.
204b—Alway, R. M., Asst. Eng.
469—Alyneda, J. B., Supt.
97—Amato, C. W., Str. Kpr.
58b—Amchach, E. T., Asst. Sig. Eng
596—Ambridge, C. T., Asst. Treas.
176—Amburgy, W. E., Supvr. Trk.
675a—Ames, H. R., Asst. G. F. & P. A.
693b—Ames, E. A., Rd. For. Eng.
137c—Amor, W. J., Supt. Car Shops.
137c—Amos, H., B. & B. Mast.
649—Amos, J. H., Clms. Atty.
1001b—Amos, J. L., Asst. Traf. Mgr.
549—Amos, J. T., Supvr.
670—Amparan, A., M. M.
428—Amsden, R. B., Asst. Eng.
941—Amsler, C. W., Pres.
619—Amundson, A., Rd. Mast.
139b—Amy, H. A., Div. M. M.
670—Anaya, I. J., Asst. to Supt. Mach. & M. P.
137—Ancrum, G. F., Treas.
326—Anderberg, R., Pur. Agt.
194—Ander, E. R., Elec. Eng.
558—Anders, A. C., Gen. Mgr., Treas. & Aud.
1633a—Anders, W. H., Traf. Mgr.
200—Anderson, A., Eng. M. W.
1001c—Anderson, A., Rd. Mast.
139e—Anderson, A., Rd. Mast.
507—Anderson, A., Gen. For. B. & B
380—Anderson, A. E., Gen. Supt.
933a—Anderson, A. E., Car For.
453a—Anderson, A. F., Pur. Agt.
1375—Anderson, A. F., Pres.
195b—Anderson, A. H., Sig. Supvr.
757—Anderson, A. J., Aud.
204a—Anderson, A. J., Rd. Mast.
870—Anderson, A. J., G. F. & P. A.
539—Anderson, A. L., Gen. For. Car Dept.
204b—Anderson, A. M., Rd. Mast.

801—Anderson, A. W., Asst. Sec. & Asst. Treas.
166—Anderson, A. W., V.-Pres. & Gen. Mgr.
195b—Anderson, B., Mast. Carp.
665b—Anderson, B. R., Sec. & Treas.
176, 413—Anderson, B. T., Supt. Sig.
93—Anderson C., G. F. A.
693b—Anderson. C. A., Str. Kpr.
182—Anderson, C. B., Supt. Trans.
195a—Anderson, C. E., Rd. Mast.
281—Anderson, C. E., Sec.
428—Anderson, C. I., Asst. Eng. Bldgs.
927a—Anderson, C. W., Rd. Mast.
531—Anderson, C. W., M. M.
382—Anderson, E., Dist. Rd. Mast
195—Anderson, E. C., Mech. Eng.
930—Anderson, E. F., Asst. Frt. Clm. Agt.
47—Anderson, E. F., Rd. Mast.
600, 692x, 693a, 693b, 693c—Anderson, E. H., Supvr. Agri., Mgr. Agri. Rel.
847—Anderson, E. L., Asst Eng.
195b—Anderson, E. M., Supvr. Brdgs.
159—Anderson, E. T., Asst. Trk. Supvr.
428—Anderson, E. T., Sig. Insp.
961—Anderson, F. E., Asst. to Pres.
209—Anderson, F. J., Trav. Eng.
751b—Anderson, F. W., Gen. For.
382—Anderson, G., Dist. Rd. Mast.
616—Anderson, G. A., Aud.
733—Anderson, G. E., Sec.
40c—Anderson, G. K., Rd. For. Eng.
540—Anderson, G. L., Traf. Mgr.
186—Anderson, G. R., Dist. M. C. B.
1009b—Anderson, G. S., V.-Pres & Gen. Mgr.
472, 962—Anderson, G. T., Gen. Rd. Mast.
751—Anderson, H. A., Asst. Pur. Agt.
886—Anderson, H. B., Aud.
733—Anderson, H. B., Gen. Supt.
1406a—Anderson, H. D., Traf. Mgr
927b—Anderson, H. G., Trk. Supvr.
186—Anderson, H. J., Rd. Mast.
733—Anderson, H. N., Treas.
58a—Anderson, H. N., Asst. Div. Eng.
751a—Anderson, H. W., Supvr.
40a—Anderson, I., Div. Eng.
564—Anderson, J., V.-Pres.
382—Anderson, J., Loco. For.
204a—Anderson, J. A., Shop Supt.
757—Anderson, J. A., Supt.
372—Anderson, J. C., V.-Pres.
229—Anderson, J. E., Asst. G. F. A.
894a, 439—Anderson, J. E., Asst. to Exec. V.-Pres.
204a—Anderson, J. F., Asst. Div. Supt.
839—Anderson, J. H., Sec.
716—Anderson, J. P., Shop Supt.
666—Anderson, J. P., Div. Eng.
751c—Anderson, J. P., Pass. Traf. Mgr.
884—Anderson, J. R., Pres.
727b—Anderson, J. T., V.-Pres.
727b—Anderson, Jr., J. T. Asst. Supt.
204a—Anderson, J. V., Asst. Dist. Str. Kpr.
1006a—Anderson, J. W., Supt.
716—Anderson, J. W., Div. Str. Kpr.
186—Anderson, J. W., Asst. Supt. M. P. & M.
979—Anderson, J. W., Traf. Mgr.
204a—Anderson, L., Rd. Mast.
382—Anderson, L., Dist. Rd. Mast.
1015a—Anderson, L., V.-Pres. & Gen. Coun.
693a—Anderson. L. C., Asst. Gen. Supt. Pass. Trans.
1009b—Anderson, L. D., Ch. Eng.
744—Anderson, L. W., V.-Pres. & Gen. Mgr.
372—Anderson, M. S., Gen. Mgr.
716—Anderson, N., Rd. Mast.
428—Anderson, N., Supvr.
372—Anderson, N. C., Frt. Clm. Agt.
1001d—Anderson, O., Rd. Mast.
693a—Anderson, O. C., Supvr. of Trk.
727b—Anderson, O. H., Pres. & Gen. Mgr.
47—Anderson, O. L., Supvr. Water Soft. Plants.
629—Anderson. F. B., Asst. Eng.
716—Anderson, P. E., Rd. Mast.
159—Anderson, P. L., Aud.
475—Anderson, R. B., Frt. Clm. Agt.
186—Anderson, R. D., Div. Eng.
176—Anderson, R. E., Gen. Air Brk. Insp.
342—Anderson, R. H., Gen. Solr.
139d—Anderson, R. J., Asst. Supt.
157—Anderson, R. P., Supvr. Trk.
204a—Anderson, R. W., Supt. M. P.
737f—Anderson. S. H., Supt. Power & Equip.
733—Anderson, S. M., Pres. & Gen. Mgr.
1839—Anderson, S. P., Aud.
886—Anderson, T. C., Rd. Mast.
207—Anderson, W., Asst. Aud.
1001b—Anderson, W., Rd. Mast.
39—Anderson, W. B., Aud.
1427—Anderson, W. B., Traf. Mgr.
727b—Anderson, W. C., Treas.
274—Anderson, W. E., Asst. Eng
886—Anderson, W. M., Rd. Mast.
876—Anderson, W. O., Ch. Eng.
372—Anderson, W. P., Pres.
372—Anderson, W. R., Gen. Supt.
186, 1866—Andreucetti, J. A., Asst. Elec. Eng., Sec. & Treas.
629—Andrews, C. M., Asst. Supt.
930—Andrews, C. M., Asst. G. F. A.
37, 392, 394a, 439, 818, 873, 942—Andrews, F., Gen. Atty., Gen. Coun., Gen. Atty., Gen. Solr., Gen. Coun.
523—Andrews, J. F., Asst. G. P. A.
619—Andrews, J. F., Trav. Eng.
685—Andrews, J. R., M. C. B.
58—Andrews, J. T., Asst. Eng.
1850k—Andrews, R. C., Dist. Mgr.
693b—Andrews, R. W., Ch. Supvr. Agt.
176—Andrews, S. B., Mech. Eng.
1031—Andrews, S. E., M. M.
1800—Andrews, S. F., Chman. & Gen. Atty.
964—Andrews, T., Dist. Rd. Mast.
47—Andrews, W. A., Rd. Mast.
47—Andrews, W. H., Sta.
259—Andrews, W. L., V.-Pres.
927—Andrews, W. S., Asst. V.-Pres.
697—Andrus, C. L., Gen. Coun.
322—Andrus, H. W., Clms. Atty.
930—Andrus, V. S., Asst. to Gen. Mgr.
40c—Anewalt, H. P., G. F. A.
272a, 1040—Angellotti, F. M., Gen. Coun.
693a—Anger, J. H., Supvr. Trk.
354a—Angle, N. P., Pres. & Gen. Mgr.
705—Anglin, W. L., Asst. Div. Supt
384—Angove, C. E., Supt.
737f—Annable, F. L., Gen. Supt.
139—Annable, W. G., Asst. S. S. Pass. Mgr.
207—Annear, R. F., Sig. Supvr.
137c—Annesley, T., Car For.
97—Annis, F. L., Str. Kpr.
139f—Ansley, W. M., Asst. Supt.
927b—Anson, F., Trk. Supvr.
937—Anstine, H. E., Sec.
1027—Anthoni, J. C., Traf. Mgr.
930—Anthony, E. R., Asst. Div. Supt.
96—Anthony, L. A., Supt. C S.
771—Anthony, R. H., Frt. Clm. Agt.
739a—Anton, J. F., Supt.
930a—Aparicio. A., Rd. Mast.
218a—Applegate, F. R., Rd. Mast.
927—Applegate, W. A., Ch. Surg.
274—Appler, A. B., Mech. Eng.
751a—Appleton, H. H., Supvr. Tel. & Sig.
751b—Appleton, J. A., Div. Supt.
137a—Appleton, W. U., Gen. Mgr.
434—Appleyard, O. D., Frt. Clm. Agt.
139—Apps, J. O., Gen. Exec. Asst.
600—Apted, W., Rd. For. Eng.
670—Aramburu, R., Div. Str. Kpr.
549—Arbegust, J. B., Supt. Term.
549—Arbegust, W. C., Sta.
149b—Arbogast, J. C., Pres. & Gen. Mgr.
229—Arbuckle, N. L., Asst. Div. Eng.
670—Arce, M. S., Div. Eng.
930—Archbold, H. L., Asst. Div. Eng.
1833—Archer, D. S., Asst. Sec.
47—Archer, H. F., Rd. Mast.
207—Archer, J., Rd. Mast.
886—Archer, L., Gen. For. Loco. Dept.
180—Archer, P. C., Gen. Clm. Agt.
92—Archer, W. M., Supt.
62—Archibald, B. S., Rd. Mast.
1051—Archibald, C., Supvr. Water.
137a—Archibald, C. W., Rd. Mast.
1001d—Archibald, G. M., Asst. to Gen. Mgr.

97—Archibald, H. C., Asst. B. & B. Supvr.
751b-Archibald, J. D., Supvr.
670—Arecha, S. M., Ch. Eng. M. W.
884—Arnen, D. D., M. M.
751a-Ardis, L. T., For. Boiler Shops.
670—Arellano, J. M., Rd. Mast.
275—Arentzen, C. A., Gen. East. Frt. Agt.
440—Argabrite, C. C., Elec. Eng
126—Argo, J. R., Rd. Mast.
137c-Argue, M. A., Car For.
137c-Argyle, C.S., Dist. Str. Kpr.
670—Arias, B. E., Supt. Elec. Dept.
1893a-Armbrecht, C. H., Pres.
8—Armbrecht, W. H., Gen. Atty.
755a—Armer, A. M., M. M.
137c-Armer, J. R., Ch. Drafts.
137b-Arms, W. H., Ch. Draft.
751a-Armsby, E. H., Supvr.
40c-Armstrong, A. G., Supt. Shops.
1032—Armstrong, A. J., Gen. Mgr.
698—Armstrong, C., Trk. Supvr.
705—Armstrong, C. E., Asst. Eng.
627c—Armstrong, H. J., Ch. Eng.
139—Armstrong, J. E., Asst. Eng.
40a-Armstrong, J. H., Gen. For. Loco. Dept.
40—Armstrong, J. L., Gen. Matl. Insp.
439—Armstrong, J. M., Asst. Div. M. M.
847—Armstrong, J. O., Asst. Eng.
108—Armstrong, J. V., Loc. Sec.
751a-Armstrong, L. N., Rd. For. Eng.
139e-Armstrong, R., Supt.
628a-Armstrong, S., Rd. For. Eng.
693a-Armstrong, S. E., Div. Eng.
439—Armstrong, S. T., Supt. M. P.
139—Armstrong, T. G., M. C. B.
139b-Armstrong, T. J., Rd. Mast
204a-Armstrong, W. H., Rd. Mast.
137c-Armstrong, W. M., Loco. For.
1001—Armstrong, W. R., Gen. Supt
966—Armstrong, W. T., V.-Pres. & Gen. Coun.
499—Arn, W. G., Asst. Ch. Eng.
1850k-Arnett, H. J., Dist. Mgr.
600a-Arney, R. R., Supt.
756a-Arnholt, E. H., Car Acct.
549—Arnold, B., Supt. Term. & G. F. A.
931a-Arnold, C. D., Asst. G. F. A.
696—Arnold, C. F., New Eng. P. A.
137—Arnold, E., Gen. Frt. Clm. Agt.
629—Arnold, F. E., Shop Supt.
415—Arnold, G. T., Treas.
58a-Arnold, G. W., Ind. Agt.
523—Arnold, H. E., Supvr. Sig.
428—Arnold, H. L., Gen. For. Car Dept.
1647b-Arnold, I. C., Traf. Mgr.
632—Arnold, L. C., Rd. Mast.
39—Arnold, L. J., Compt.
186—Arnold, R. B., Gen. Sig. Insp.
139—Arnold, W. E., Ch. Tar. Bur.
678—Arnold, W. E., Sec. & Treas.
837—Arnell, R. C., Pur. Agt.
382—Arnot, J., Car For.
675, 879a—Arnstein, W., V.-Pres., Pres.
693a-Arter, W. D., M. M.
927a-Arthur, C. G., Supt.
927a-Arthur, H. T., Asst. Eng. Maint.
40b-Arthur, O. F., Div. Eng.
176—Arthur, J. H., Supvr. Trk.
1598—Arthur, J. L., Dist. Supt.
886—Artman, H. R., Dist. Eng.
1812—Artman, S. R., Comr.
186, 209—Arundel, T. W., Asst. Sec. & Asst. Treas.
927a-Asbury, G. P., Eng. M. W.
776a-Asbury, H. T., Ch. Eng.
195a-Ascott, W., Asst. Mast. Carp
8—Ash, E. C., Asst. G. F. A.
693b-Ash, O. C., Asst. Gen. For. Car Shops.
58a-Ashar, C. H., Gen. Coal F. A.
395—Ashbaugh, C. A., Asst. Eng.
335—Ashburn, H. I., Treas.
1001c-Ashley, E. L., Asst. to Gen. Mgr.
1054—Ashley, H., M. M.
97—Ashley, H. S., Asst. Eng.
428—Ashley, R. D., Sig. Supvr.
931—Ashmore, A. B., Supvr. B. & B
879—Ashton, J. H., Rd. Mast.
958a-Ashworth, J. F., M. M.
716—Ashworth, W. G., Rd. Mast.
693b-Aske, S. J., Rd. For. Eng.
134, 1024a-Askevold, E., Sec., Treas.
886—Askew, J. L., For. Paint.
157, 1076—Askew, W. C., Treas.
204b-Askew, W. D., Div. Str. Kpr.
395a-Askew, W. H., Asst. G. F. A.
277d-Aspelmier, C. T., V.-Pres. & Traf. Mgr.
207—Asper, G. H., Asst. G. P. A.
206—Asper, S. P., Tel. Mgr.
695a-Asterlin, C. A., Gen. West. P. A.
42—Astin, F., Asst. Supt.
137a-Astle, A., Rd. Mast.
698—Astley, H. E., Supt.
549—Atchison, A. C., Asst. Sig. Supvr.
316—Atchison, E. R., Bus. Mgr.
20—Athearn, F. G., V.-Pres.
547—Atherton, C. H., Ch. Tariff Bur.
757—Atherton, W. C., Pur. Agt.
135b-Atkins, A. W., Loco. For.
751—Atkins, F. E., Aud.
628a, 628b—Atkins, G. T., Frt. Traf. Mgr.
1704—Atkins, G. W. E., V.-Pres.
137g-Atkins, R., Rd. For. Eng.
1021—Atkinson, A. K., Asst. to V.-Pres.
931a-Atkinson, A. R., Asst. G. F. A.
545—Atkinson, B. S., Traf. Mgr.
994—Atkinson, I., Treas.
1815—Atkinson, J. N., Ch. Acct.
157—Atkinson, L., Rd. For. Eng.
137b-Atkinson, W. J., Supt. Term.
391—Atmar, L. P., Treas.
539, 695d, 751, 1850—Atterbury, W. W., Pres., V.-Pres., Dir. Exec. Comm.
1080—Atterholt, S. W., Rd. Mast.
369, 1001e-Attridge, O. H., M. M.
1820—Attwill, H. C., Chman.
191—Atwill, A. L., Asst. Eng.
428—Atwill, W., Gen. Supt.
931a-Atwood, A., Rd. Mast.
629—Atwood, L. L., Contract. Atty
14a-Aubin, O., Rd. Mast.
683—Auburtin, G. B., Asst. G. F. & P. A.
523—Auch, I. S., Asst. G. F. A.
808—Auch, J. F., Asst. to Pres.
204a-Auch, W. F., Sig. Insp.
661b-Auer, A. F., Sec. & Gen. Atty
207—Auer, P. A., Asst. G. P. A.
927a-Aughtry, T. F., For. Paint.
629—Augustine, C., Rd. Mast.
1250—Aukeney, H. E., Traf. Mgr.
201, 205a, 434—Aul, R. J., Str. Kpr.
1926—Auld, J., Sec.
147—Ault, B. C., Treas.
147—Ault, J. C., Aud.
845—Ault, W. G., Supt.
382—Auman, D. K., M. M.
539—Auryansen, F., Brdg. Eng.
1358—Aussem, G. S., Traf. Mgr.
632—Austill, H., Brdg. Eng.
79, 191—Austin, Jr., C. G., Gen. Coun.
137c-Austin, E. E., M. M.
322—Austin, F. D., Frt. Traf. Mgr.
182—Austin, F. R., Compt.
96—Austin, F. S., Gen. Str. Kpr.
40—Austin, G. Gen. Insp. Boilers.
201—Austin, G. G., Gen. Rd. Mast.
137e-Austin, I., Trk. Supvr.
666—Austin, J., Trav. Eng.
751a-Austin, J. B., For. Car Shops
927b-Austin, J. C., Supt.
322—Austin, J. G., Gen. Aud.
1004—Austin, J. W., Treas.
204a-Austin, R., Trav. Eng.
988a-Austin, S. W., V.-Pres.
808—Austin, W., Office Eng.
1829—Autenrieth, J. F., Pres.
580—Avard, N. T., Gen. Mgr.
204a-Averitt, J. T., Coal Traf. Agt.
1082—Avery, D. C., Mgr. & Supt.
563—Avery, F. E., Supvr. Sig.
927a-Avery, R. L., Supt.
378-Awbrey, S. C., Pres.
864—Awsumb, C. A., Pur. Agt.
428—Ax, F., For. Paint.
322a-Axelsen, M., Mast. Carp.
186—Axen, C. V., Div. M. M.
1026—Axley, O. O., Treas.
1001a-Axtell, C. W., Asst. G. F. A.
670—Ayala, G. M., Div. Str. Kpr.
751b-Ayars, E. J., Div. Eng.
195a-Aydelott, J. H., Gen. Supt.
562—Ayer, C. F., V.-Pres.
1455—Ayer, H. H., Traf. Mgr.
930—Ayer, L. S., Gen. A. B. Insp.
695a, 695b-Ayers, A. R., Asst. Gen. Mgr.
549—Ayers, B. H., Sig. Insp.
752—Ayers, C., M. M.
97—Ayers, D. J., M. M.
705—Ayers, I., C., Supt.
629—Aylin, A. W., Asst. G. F. A.
40a-Ayling, C. W., Rd. Mast.
186—Azer, W. J., Supvr. B. & B.

B

7a–Baader, W. J., Asst. Sec
877, 1617–Babbitt, J. S., Traf. Mgr.
930–Babcock, A. H., Elec. Eng.
1039–Babcock, A.T., Tle & T. Agt.
771–Babcock, F. H., Safety Agt.
693a–Babcock, W. G., M. M.
186–Bach, C., Supvr. B. & B.
723–Bach. H., M. M.
58a–Bach. H.L., Gen. For. Loco. Dept.
438, 930–Bachar, R., Rd. Mast.
75–Bache, C. A., Asst. to Gen. Mgr.
683–Bachemin, F., Agri. Agt.
751b–Bachman, E. L., M. M.
693a–Bachman, W. A., Supt. Foundries.
756a–Backes, L. J., Sec. & Aud.
97–Backes, W. J., Eng. M. W.
756a–Backes, W. P., Ch. Eng.
623b–Backstrom, J. W., Pres. & Gen. Mgr.
622–Backus, E. W., Pres.
428–Backus, M. M., Asst. Eng. M. W.
622–Backus, S. W., V.-Pres. & Gen. Mgr.
97–Bacon, A.R., Asst. Sig. Eng.
472–Bacon, G. H., Asst. Compt.
886–Bacon. J. H., Rd. Mast.
886–Bacot, D.N., Asst. Gen. Mgr.
931a–Badders, W. M., Rnd. Hse. For.
1021–Bade, L. W., Asst. G. P. A.
757–Badger, A. E., Gen. Supt.
322b–Badger, R.L., Supvr. Boilers
697–Badger, W.S., Asst. Div. Supt
432, 432a–Baehr, W. A., V.-Pres. & Gen. Mgr., V.-Pres.
751–Baer. J. H., Asst. Frt. Clm. Agt.
40b–Baer, O. J., Gen. For. B. & B.
670–Baez, F.M., Div. Supt. Exp.
1039–Bagby, G. P., V.-Pres. & Gen. Solr.
860–Bagby, W. D., Rd. Mast.
549–Baggerman, G. L., Sig. Supvr.
1029a–Baggett, G. C., Traf. Mgr.
157–Baggett, J. F., Supvr. Trk.
886–Bagley, F. H., Sig. Eng.
327–Bailyn. S., M. M.
886–Bagwell, E. C., Gen. Supt.
176–Bahen, C. A., Supvr. Sta. Grounds.
1051–Bahl, C. E., Sec.
204a–Bahls, E. L., Asst. Eng.
229–Baier. A., Supvr. Track.
629–Baile, M. E., Div. Str. Kpr.
757–Bailey, A., Car For.
6–Bailey, A. D., Eng. M. W.
886–Bailey, A. J., Rd. Mast.
886–Bailey, C. C., Rd. Hse. For.
600–Bailey, C. H., Asst. to Div. M. M.
1894a–Bailey, C. S., Asst. Sec.
1001b–Bailey, C.T., Ch. Safety Agt.
1061–Bailey, E., Pres.
453a–Bailey, H. E., Traf. Mgr.
82–Bailey, J. C., Car Serv. Agt.
439–Bailey, J. E., Asst. G. F. A.
382–Bailey, J. R., Car For.
808–Bailey, N. N., Asst. Supvr.
886–Bailey, O. M., Str. Kpr.
471–Bailey, R. W., Supt. Power & Equip.
751b–Bailey, T. L., Rd. For. Eng.
439–Baille, E., V.-Pres.
365–Baillie, G.R., Asst. Pur. Agt.
139c–Baillie, G. M., Asst. Supt.
144–Baillly, Ed. C., Sec.
696–Baily, H. E., Supt.
137b–Bain, T. A., Loco. For.
628a, 628b–Bain. T.R., Asst. Loco. Insp., Asst. Ch. Loco. Insp.
204–Bainbridge, C.N., Eng. Des.
325–Bainbridge, R. A., Eng.
802a–Bainton, W. L., Treas.
619–Baird, A. E., Rd. Mast.
186–Baird, C. W., Rd. For. Eng.
523–Baird, D. G., Sec.
82–Baird, F. C., Traf. Mgr.
705–Baird, F. S., Coal Frt. Agt
137–Baird, G.G., Asst. Land Comr
1065b–Baird, J. L., Aud. & Asst. Sec-Treas.
322–Baird, M. A., Sig. Eng.
78–Baird, O. H., Sec. & Treas.
930–Baird, T. R., Dist. Supvr. Trans.
195b–Baird, W., Supt. Shops.
927a–Baise. R. J., Trk. Supvr.
40a–Baisinger, W. C., Asst. Div. Supt.
757–Bake, W. S., Land & Tax Agt.
40b–Baker, A. J., Div. Str. Kpr.
960a–Baker, A. R., Asst. Sec.
137b–Baker, C. A., Rd. Mast.
919b–Baker, C. B., Aud.
539–Baker, C. D., Gen. Supt.
527–Baker, C. E., Sec., Treas. & Aud.
1060c–Baker, C. M., Aud.
283–Baker, C. T., Gen. Supt.
62–Baker. F. E., Shop Supt.
847–Baker, F. G. Elec. Eng.
1009d–Baker, F. K., Asst. Sec. & Aud.
186–Baker, F. L., Eng. Hse. For.
349–Baker, G., Gen. Str. Kpr.
204a–Baker, G. F., Gen. Adjuster
1001b–Baker, G.H., Rd. For. Eng.
751a–Baker, G.T., Gen. Car Insp.
800b–Baker. H., Comr.
751a–Baker, H. H., Supt. Res. Serv.
757–Baker, H. J., Car For.
431–Baker, H. S., Sec.
751b–Baker, Jr., J. B., Ch. Eng. M. W.
207–Baker, J. B., Supt. Stockyards.
1700–Baker, J. F., Gen. Mgr.
139h–Baker, J. H., Rd. Mast.
184–Baker, L., Sec.
1059a–Baker, L. R., Pres.
97–Baker, M., Asst. Supvr.
218a–Baker, P. H., Supt. Shop.
808–Baker, P.S., Eng. B. & B.
847–Baker, Q., Asst. Eng.
952b–Baker, R. C., Pres.
806a–Baker, S. C., Eng. M. W.
860a–Baker, S. F., Asst. G. F. A.
607–Baker, S. W., Pur. Agt.
523–Baker, W., Asst. Supt. Fuel Dept.
549–Baker, W. C., Sig. Supvr.
1020c–Baker, W. D., Asst. V.-Pres.
751b–Baker, W. E., Supvr.
355a–Baker, Jr., W. H., Treas.
342–Baker, W. L., Asst. Supt. Trans.
303b–Baker. W. P., Sec.
281–Baker, W. P., V.-Pres.
692x–Baker, W. S., Asst. to V.-Pres.
204a–Bakke, O., Rd. Mast.
279–Balcom, W. A., Off. Eng.
271a–Balderach, J. J., 3 V.-Pres. & Treas.
58a–Baldinger, F. A., M. M.
40–Baldridge, C. W., Asst. Eng.
151a–Baldwin, A. N., Sec.
1040–Baldwin, A.R., V.-Pres.
137–Baldwin, C., Div. Supt.
62–Baldwin, C. D., Pur. Agt.
229–Baldwin, H., Ch. Eng.
157–Baldwin, H., Div. Supt.
63–Baldwin, H. B., M. M.
696–Baldwin, J. E., Aud.
159a–Baldwin, J.L.A., Dist. Supt.
394a, 420, 439, 629, 1850–Baldwin, L.W., Pres., V.-Pres., Pres., Dir., Memb. Ex. Comm.
137c–Baldwin, P. W Aud.
137b–Baldwin, R. A., Eng. Const.
695a–Baldwin, T.C., M. M.
322, 322c–Baldwin, W.A., V.-Pres.
195–Baldwin, W. W., V.-Pres.
482–Bales, G. W., Rd. Mast.
847–Balke, W., Rd. Hse. For.
751–Ball, A. J., Gen. Frt. Agt.
1001b–Ball. C. M., Asst. to Gen. Mgr.
660–Ball, E. A., Sec.
40c–Ball, E. E., Div Eng.
696–Ball, E. J., Supt. Shop.
886–Ball, E. P., Aud.
660–Ball, F. C., Pres.
275–Ball, F. L., Sig. Supvr.
186–Ball, J., Asst. Pur. Agt.
439–Ball, J. M., Asst. G. F. A.
135, 1047–Ball, L.G., Treas., V.-Pres
333–Ball. N. E., V.-Pres. & Gen. Mgr.
1460–Ball, O. A., Traf. Mgr.
40c–Ball, R. B., Ch. Eng.
773–Ball, R. E., G. F. & P. A.
747–Ball. R. F., Sec.
137–Ball. R. W., Gen. Supt.
628a, 628b–Ball, S. Y., Supt. Time Serv.
886, 1894 — Ballantine, N. D., Asst. to Pres., V.-Pres.
139b–Ballantyne, T. B., Div. Eng.
139–Ballantyne, W., G. P. A.
180–Ballard, C., Supvr.
930–Ballard, W. P., Gen. Ind. Agt.
696–Ballda, F. E., Mech. Supt.
886–Ballenberg, H., Gen. For. Loco. Dept.
927a–Ballenger, D.A., Rd. Mast.
47–Ballentine, E. C., Asst. Str Kpr.
930a–Ballesteros, R.C., Rd. Mast.
692x, 1850d–Balliett, H. S., Eng. Tr. Cont., Sec. Sig. Sect.
986a–Ballinger, R. G., Treas.

751c–Ballinger, W. L., Supvr.
61b–Balser, H. L., Aud.
297, 1860—Baluss, F. C., Eng. B. & B., 2 V.-Pres.
61a–Bamberg, G. F., V.-Pres.
61b–Bamberger. J. M., Pres. & Gen. Mgr.
61b–Bamberger, S., Treas.
62—Bamford, W. A., Str. Kpr.
804—Bampton, J., Treas.
575—Bancker, J. W., Pres.
425—Bancroft, J., Pres.
97—Band, R. W., Supt. Loco. Maint.
629—Bandy, A. H., Supvr. B. & B.
440—Bange, C. M., M. M.
990a–Bankerd, J. F., Asst. Sec. & Asst. Treas.
229—Banker, E. H., Exec. Asst. to V.-Pres.
1488—Bankert, R. J., Traf. Mgr.
313—Banks, A. B., V.-Pres.
314—Banks, A. F., Pres.
872b–Banks, C. B., For. Paint.
159—Banks, G. M., Asst. Sec.
628a–Banks, T. J., Rd. Mast.
619—Bannerman, R. B., Str. Kpr
182—Bannin, R. E., Gen. For. Loco. Shops.
141a–Banning, T. E., Traf. Mgr.
139—Bannister, F. G., Div Str. Kpr.
204a–Bannon, E. H., Supt. Term.
990—Bansa, G. J., Sec. & Asst. Treas.
1001d–Banyard, A. T., Rd. For. Eng.
97—Barba, C. E., Mech. Eng.
1829—Barber, A. N., Sec.
523—Barber, C. A., G. P. A.
14, 14a—Barber, E. B., Compt.
1051—Barber, F. E., Supt. Term.
864—Barber, H. A., Treas.
578a–Barber, H. E., Pres. & Gen. Mgr.
137—Barber, W. G., Gen. Mgr. Tel.
194—Barbero, H. A., M. M.
639b–Barchay, D., Sec.
685a–Barclay, A. F., Eng. M. W. & S.
428—Barclay, F. B., Supt. M. P.
787b–Barclay, S. D., Pres.
139b–Bard, M. W., Asst. Supt.
696—Bardo, B. F., Supt. Elec. Transmission.
137c–Bardwell, G., Str. Kpr.
176, 413—Bardwell, R. C., Supt. Wat. Supply.
886—Barfield, C. W., Mast. Carp.
1920—Barham, C., Chman.
306d–Baries, F. G., Gen. Mgr.
137a–Barker, A. C., Supt. Trans
786—Barker, A. N., Car Acct.
931, 931a—Barker, E. L., Supvr. M. W. Equip., Supvr. Rdwy. Equip. & Tools.
523, 1879–Barker, F. M., Div. Supt., V.-Pres.
598—Barker, F. R., Dist. Supt.
176—Barker, J. A., Supt. Term.
693a–Barker, P. L., Div. Eng.
58b–Barker, T. H., Str. Kpr.
842a–Barkley, J. O., Pres. & Gen. Mgr.
751b–Barlett, C. A., Mast. Carp.
329—Barlow, H. C., Gen. Frt. Clm. Adj.
209—Barlow, H. E., Ch. Eng.
209—Barlow, H. P., Right of Way Comm.
930—Barlow, O. M., Rd. Mast.
186—Barlow, P. J., Supvr. B. & B.
751c–Barnaby, C. L., Div. Eng.
86a–Barnard, A. C., G. F. A.
1001a–Barnard, C. C., Supt.
613—Barnard, D. W., Sec.
93—Barnard, G. E., Asst. Treas. & Asst. Aud.
192—Barnard, G. M., Gen. Coun.
751c–Barnard, R. C., Div. Supt.
619—Barnard, W. A., Div. Supt.
1021—Barnard, W. F., Supt. Frt. Clm. Prev.
363—Barnard, W. H., Treas.
927—Barnard, Jr., W. H., Struct. Eng.
1890—Barnes, C. A., V.-Pres.
359, 933a—Barnes, C. E., Mech. Eng.
737d–Barnes, D. C., V.-Pres.
514—Barnes, E. T., Treas.
157—Barnes, F. D., Rd. For. Eng.
692x–Barnes, F. E., Bldg. Val. Eng.
599—Barnes, J. M., M. M.
1858—Barnes, J. P., 3 V.-Pres.
716—Barnes, L., Div. Rd. Mast.
137e–Barnes, M. E., Asst. to Gen. Mgr.
329a–Barnes, N. C., For. Sig. Maint.
324—Barnes, N. L., Treas.
549—Barnes, R., Supvr.
931, 931a—Barnes, R. W., Const. Eng.
930, 990a—Barnes, W. C., G. F. A., Traf. Mgr.
137a–Barnes, W. E., Supt. M. P.
195—Barnes, W. L., Gen. Supt. Trans.
629—Barnes, W. N., Sig. Supvr.
696—Barnet, W. L., Asst. Gen. Coun.
961—Barnett, A. C., G. P. & T. A.
137c–Barnett, G. C., Rd. Mast.
931a–Barnett, H. I., Rd. Mast.
967—Barnett, J. J., M. M.
1634, 1637—Barnett, S. R., Traf. Mgr.
107—Barney, H. R., Treas. & Supt.
1854—Barnham, C., 3 V.-Pres.
82—Barnhart, B. F., Rd. For. Eng.
209—Barnhart, C., For. Rnd. Hse.
432—Barnhart, J. D., Supt. Shops
468c–Barnhart, W. E., Asst. Gen. Mgr.
468b–Barnhart, W. E., Sec. & Treas.
395—Barnhill, C. F., Div. M. M.
204a–Barnoske, F. M., Rd. Mast.
204a–Barnoske, G., Rd. Mast.
137a–Barnum W., V.-Pres.
737a–Barnum, W. M., V.-Pres.
207—Barr, C. A., Rd. Mast.
1051—Barr, F. P., Gen. Traf. Mgr.
808—Barr, H. H., Supvr.
186—Barr, H. L., Rd. Mast.
808—Barr, J. W., Asst. Ch. Draft.
751a–Barr, P. W., Gen. For.
1001a–Barr, W. M., Consit. Chem.
229—Barrett, A. D., Gen. For.
97—Barrett, A. L., Str. Kpr.
751—Barrett, C. D., Asst. Eng. Tests.
779—Barrett, C. E., Gen. Mgr.
275—Barrett, C. P., Gen. West. Pass. Agt.
186—Barrett, D., Asst. Eng.
204b–Barrett, E. H., Asst. to Gen. Mgr.
1001c–Barrett, F. M., Supvr. B. & B.
294, 297—Barrett, G. J., Gen. Clm. Agt.
557—Barrett, J. E., Car Acct.
520—Barrett, J. E., Supt. Track, B. & B.
705a–Barrett, J. H., Gen. Clm. Agt
97—Barrett, L. V., Asst. Trk. Supvr.
847—Barrett, M. J., Rd. For. Equip.
696—Barrett, M. M., Tr. Supvr.
191—Barrett, P. T., Office Eng.
523—Barrett, R. W., Gen. Solr.
705a–Barrett, R. W., Gen. For. Car Dept.
204a–Barrett, T. C., Rd. Mast.
382—Barrett, W., Car For.
58—Barrett, W. A., Asst. Eng.
837—Barrett, W. J., For. Paint.
234—Barrett, W. M., Asst. Rd. Mast
886—Barrett, W. R., Rd. Mast.
1224—Barrho, W. H., Traf. Mgr.
156—Barrick, C., M. M.
927b–Barrie, J. W., Asst. Eng. Maint.
58a–Barringer, D. A., Asst. Str. Kpr.
523—Barrington, J. E., Asst. Rd. For. Eng.
989—Barrios, G., Asst. Mgr.
1701—Barron, D., Aud.
847—Barron, H., Sig. Insp.
927b–Barron, J. F., Asst. Eng. Maint.
860a–Barron, J. H., Aud.
1577—Barror, E. A., Tra . Mgr.
157—Barrow, C., Ch. Surg.
563—Barrows, C. D., Pur. Agt.
96—Barrows, W. A., G. P. A.
1001d–Barry, C. C., Aud.
697—Barry, F. J., M. M.
751c–Barry, G. R., Div. Supt.
847—Barry, H. B., Prin. Asst. Eng.
705—Barry, J. J., Gen. M. M.
705—Barry, J. L., M. M.
346—Barry, Jr., L. B., Supt.
860–860a–Barry, L. C., Mail Traf. Agt.
204—Barry, O. P., Asst. Compt.
201, 434—Barry, T. F., Safety Agt.
79, 191—Barse, J. R., Gen. Atty.
1800a–Bartel, W. F., Dir. Serv.
523—Bartell, J. G., Supvr. Sig.
617a–Bartell, R. E., Frt. Clm. & C. S. Agt.
229—Barth, J., Supvr. Track.
628a–Barth, L. L., V.-Pres.
328a–Barth-l, J. A., Sec.
382—Barthelemy, P. P., Asst. M. C. B.
382—Barthelheim, C. F., Asst. Aud
751c–Bartholome, C. L., Supvr. Tel. & Sig.
751a–Bartholomew, D. B., Supvr. Tel. & Sig.

751—Bartholomew, W. E., Gen. Shop Insp.
716—Bartles, F. R., Div. Supt.
751a—Bartlestone, J., Supvr.
696—Bartlett, A.L., Asst. Div. Eng
1021—Bartlett, C., R. E. Agt.
402—Bartlett, C.E., Sec. & Treas.
1010—Bartlett, L.J., Treas., Aud. & Pur. Agt.
930, 930a—Bartlett, O. P., Asst. to V.-Pres.
782—Bartlett, R. R., Mgr. & Ch. Eng.
108—Bartlett, R. W., Sec.
756a—Bartley, J. F., Gen. Coun.
695a, 695b, 695c—Bartley, W., Supt. Car Serv.
79, 191—Barton, A. R., Asst. Sec. & Asst. Aud.
438a—Barton, C. A., Pres. & Gen. Mgr.
279—Barton, D. A., Aud.
40b—Barton, D. E. Shop. Supt.
204a—Barton, E. D., Asst. Sig. Supvr.
186—Barton, E. E., Rd. Mast.
438a—Barton, E. H., V.-Pres.
751a—Barton, E. O., For. Mach. Shops.
198—Barton, I., Rnd. Hse. For.
40b—Barton, J.C., Asst. Div. Supt
373a—Barton, L. C., V.-Pres.
176—Barton, T.F., Gen. M. M.
40b—Barton, W. P., Rd. For. Eng
629—Barton, W. R., Gen. Fire Ch.
349, 1057c—Barwise, Jr., J. H., Gen. Solr., Atty.
432—Bascom, H. M., Ch. Surg.
137c—Basford, F., Car For.
670a—Bashford, E. E., V.-Pres. & Asst. Treas.
1001—Basinger, W. S., Pass. Traf. Mgr.
705—Baskerville, J. B., Asst. Gen. Clm. Agt.
1032—Baskin, J. H., Supt.
927b—Baskin, J. N., Gen. For. Car Rep.
273a—Baskin, W. E., V.-Pres.
137c—Bass, C. E., Str. Kpr.
886—Bass, W. J., Rd. Mast.
139g—Bassarab, N., Rd. Mast.
33a, 34—Basse, C., Treas. & Gen. Mgr., Aud., Asst. Sec. & Treas.
847—Bassett, H. E., Rd. Hse. For.
629—Bassett, J. S., Div. Eng.
1057a—Bassett, L. N., Gen. Supt.
40c—Bassett, W. C., Asst. Supt. Tel
601—Bassler, W. E., V.-Pres.
808—Bast, J. E., Str. Kpr.
274—Bast, P. E., Fuel Eng.
472—Basye, E. M., Asst. Eng.
182—Batchelder, E. H., G. P. A.
58, 59—Batchelder, F. C., V.-Pres., Pres.
242—Batchelder, F. L., Ch. Eng.
1009b—Batchelder, F. W., Treas.
540—Batchelder, K. C., G. F. & P. A.
58b—Batchellor, F. D., Div. Eng. M. W.
58b—Batchelder, H. C., Asst. Div. Supt.
139—Bateman, E. W., Local R. of W. & Tax Agt.
629—Bateman, S.E., Supvr. Water Serv.
1909—Bateman, W. H. S., V.-Pres.
96—Bates, A. P., Sig. Supvr.
1051—Bates, C. A., Gen. Supt.
751a—Bates, E. P., Asst. Frt. Traf. Mgr.
523—Bates, F. D., M. M.
629—Bates, F. E., Brdg. Eng.
847—Bates, F. E., Rd. For. Equip.
274—Bates, G. E., Asst. to V.-Pres.
283—Bates, H. E., Asst. G. F. A.
693b—Bates, H. M., Str. Kpr.
198—Bates, R. H., Mech. Eng.
309—Bates, S. G., Recr.
382—Bates, T., Car For.
204a—Bates, W. W., Trav. Eng.
274—Bates, W. W., Asst. to Gen. Mgr.
1001a—Batey, W. A., Supvr. B. & B.
756—Baths, J. M., Supt.
195a—Battel, L. F., Rd. For. Loco.
150a—Battelle, H. T., Sec.
860a—Battenfield, G. F., Gen. Str. Kpr.
58a—Battenhouse, W. H., Gen. For. Car Dept.
97—Battey, C. C., Asst. B. & B. Supvr.
195—Battey, R. B., Coal Traf. Mgr.
327b—Battin, C. H., Sec. & Treas.
860a—Battle, W. A., Rd. Mast.
705—Battle, Jr., W. S., Gen. Clm. Agt.
756b—Battles, H. I., Recr.
137b—Battley, E. R., Supt. M. P.
1874—Battley, E. R., V.-Pres.
860—Batts, B. F., Land. Atty.
549—Batts, M. E., Rd. Mast.
751—Bauchens, F. A., Asst. G. P. A.
629—Baucom, L. A., Rd. Mast
322a—Bauer, E. J., Supt. Literage.
229—Bauer F., Div. M. M.
382—Bauer, F. J., M. M.
229—Bauer, J. H., Ch. of Tariff Bur.
927a—Bauer, J. W., Jr. Eng. Maint.
395—Baugh, A. E., Asst. Sig. Supvr.
58—Baugh, E. B., Agri. Agt
58—Baugh, E. V., Mgr. Din. Cars.
42—Bauknight, J. F., Gen. For.
58b—Baum, H. E., Asst. Str. Kpr.
1071—Bauman, C., Supt. Ry.
186—Bauman, C. F., Gen. For. Car Dept.
751b—Baumann, E. G., Supvr. Tel. & Sig.
751b—Baumann, F. J., Supvr. Tel. & Sig.
695b—Baumberger, W., Rd. For. Eng.
927—Baumgardner, J. A., Gen. Frt. Clm. Agt.
961—Bawden, W., Supt. M. P.
47—Baxley, P. D., Asst. Str. Kpr
279—Baxter, A., Rd. For. Eng.
600—Baxter, C. E., Tele. & Telo. Eng.
619—Baxter, G. S., Div. Supt.
40—Baxter, J. E., Gen. Aud.
1021—Baxter, J. J., Asst. Ch. Eng.
229—Baxter, S. W., Gen. Atty.
1658—Bay, E. F., Traf. Mgr.
323—Bay, J., Gen. Supt.
755a—Bayer, E. J., Eng. M. W.
382—Bayer, H. F., Aud.
444, 523—Bayfield, A. F., Treas.
927a—Bayliss, J. H., For. Paint.
316—Bayliss, R. T., Chman.
693a—Bayreuther, A., Rd. For. Eng.
751c—Beach, D. P., Div. Eng.
344—Beach, E. J., Asst. Treas.
1530a—Beach, P. T., Traf. Mgr.
886—Beach, W. C., Rd Mast.
439—Beacon, S., Asst. Ch. Eng.
816—Beadle, L. E., Ch. Eng.
934—Beaghan, F. B., Gen. Mgr.
696—Beahan, J. A., Asst. G. F. A.
176—Beale, F. D., Div. Supt.
47—Beall, C. M., Asst. Str. Kpr.
927b—Beall, L., Rd. For. Eng.
42—Beall, L. L., Ch. Eng.
7d—Beall, W. W., Recr.
101—Beals, F. J., Supt. C. S.
186—Beals, H., Eng. Hse. For.
927—Beam, J. C., Asst. G. P. A.
1653a—Beaman, R. R., Pres.
382—Bean, A. M., Dist. Rd. Mast.
61b—Bean, J. B., Sec.
367—Bean, L. V., Ch. Eng.
886—Bean, P. L., Div. Eng.
696—Bean, W. L., Mech. Mgr.
629—Beard, C. J., Str. Kpr.
633—Beard, G. K., Supt.
176—Beard, J. L., Str. Kpr.
58b—Beard, M. H., Asst. Div. Eng.
931a—Beard, T. G., G. F. A.
633—Beard, W. F., Pres. & Gen. Mgr.
180—Bearden, C. W., Supt. Transp
137b—Beardshaw, A., Loco. For.
616—Beardslee, S. J., Clm. Atty.
204a—Beardsley, L. B., Asst. Div. Supt.
431—Bears, S. E., Eng. M. W.
207—Beasley, B. F., Sig. Supvr.
307—Beasley, C. G., Supt.
549—Beasley, G. H., Asst. Eng.
325—Beasley, H. E., Gen. Supt.
692—Beasor, G. M., Aud., Gen. Mgr. & G. F. & P. A.
958a—Beath, J., Gen. Car For.
295—Beaton, W., Rd. Mast.
520—Beattie, C. S., V.-Pres. & Gen. Coun.
510—Beattie, J. A., Gen. Supt.
375—Beattie, J. M., Aud. & Pur. Agt.
1663a—Beatty, Jr., D. C., Traf. Mgr.
549—Beatty, D. E., Div. Supt.
927—Beatty, D. H., Supt. Safety & Sanitation.
139, 984, 1850, 1903—Beatty, E. W., Chman. & Pres., V.-Pres., Director. Pres.
209—Beatty, F. E., Aud.
139—Beatty, H. A., Ch. Med. Off.
139b—Beatty, J. E., Dist. Eng.
927b—Beatty, L. D., Asst. Rd. Mast.
472—Beatty, L. V., Asst. G. F. A.
958a—Beatty, R., Loco. For.
1849g—Beaudry, A., Pres.
314—Beaudry, R. F., Supt.
860—Beaumont, G. S., Gen. Car For.

58a-Beaumont, H. A., Gen. For. Car Dept.
139—Beaumont, H. B., Asst. to S. S. Pass. Traf. Mgr.
137b-Beausoleil, A., Rd. Mast.
82—Beaver, R. C., Asst. Mech. Eng.
176—Beavers, P., Gen. For.
847—Beazley, L. C., Asst. Supt.
600—Bebb, J. E., Asst. Brdg. Eng.
176—Bebout, G. W., Shop & Elec. Eng.
826—Bechard, A., Treas.
442—Bechtel, G. M., Pres.
442—Bechtel, H. R., Sec.
186—Bechtelheimer, A. E., Gen. Insp. Brdgs.
293—Bechtell, L., Pres.
498—Beck, B. A., Asst. Sec.
751b-Beck, C. W., Asst. to Div. Eng
47—Beck, E. W., Rd. Mast.
396—Beck, F., M. M.
751b-Beck, F. A., Insp. Sig.
692x, 693—Beck, G. E., Sig. Valua. Eng.
139h-Beck, H., Rd. Mast.
40b-Beck, H., Gen. For.
705a-Beck, L. A., Tie & Timber Agt.
207—Beck, O. L., Aud.
523—Beck, T. C., Asst. G. F. A.
139b-Beck, W. C., Asst. Supt.
1860k-Beck, W. D., Dist. Mgr.
394a, 439—Becker, A. L., Asst. Eng.
386—Becker, E., M. M.
41, 992—Becker, E. C., Aud.
930—Becker, E. J., Gen. Insp. Strs. & Supply Tr. Service
549—Becker, G., Aud.
498—Becker, G. W., Asst. G. F. A.
274—Becker, H. G., Shop Supt.
198—Becker, P. M., Car For.
523—Becker, R., Supvr. B. & B.
716—Becker, R. A., Div. Str. Kpr.
275—Becker, W. H., For. Paint.
207—Beckett, F. T., Eng. M. W.
373a-Beckett, G. A., Sec. & Treas.
632—Beckett, Jr., R. C., Tax Comr.
984—Beckley, J. N., Pres.
346—Beckman, B. F., Ch. Eng.
332—Beckman, R. J., Sec.
964—Beckner, D. S., Gen. For. Car Dept.
1700—Beckner, W. E., Gen. Mgr.
931, 931a—Beckway, H. T., Aud.
1018—Beckwith, J. Q., V.-Pres.
58a-Beckwith, S. T., Asst. Str Kpr.
137e-Bedard, A., Dist. For. B. & B.
964—Beddo, D. W., Aud.
629—Bedell, W. A., Gen. M. M.
747—Bedford, F. A., Traf. Mgr.
931a-Bednark, F. H., Asst. Supt.
204a-Beebe, C. A., Asst. Trav. Eng.
89—Beecher, L. T., Sec. & Treas.
314—Beecroft, E., Asst. Sec. & Asst. Treas.
395a-Beekman, C. K., Gen. Coun.
332—Beekman, E. J., Treas.
696—Beeler, C. L., Asst. Eng.
1040—Beem, H. J., Supt.
1076a-Beeman, G. W., Aud.
382—Beese, F. C., Mast. Carp.
771—Beeson, Jr., C. L., Gen. For. Loco. Dept.
284—Beeson, R., Mast. Carp.
930—Beeth, C. D., Asst. Div. Supt.
204b-Beeuwkes, R., Elec. Eng.
697—Beggs, G. M., Aud.
182—Beggs, J. H., Pur. Agt.
791—Beggs, J. I., V.-Pres.
53a-Beggs, R. J., Asst. G. F. A.
176, 418—Begien, R. N., V.-Pres.
137a-Begin, A., Loco. For.
487—Behan, T. J., Rd. Mast.
716—Behler, L. A., Asst. Gen. Aud.
693b-Behner, A., Tele. & Telo. Eng.
751b-Behner, L., Asst. Supt. Tel. & Sig.
992b-Behnke, C. B., Sig. Supv.
180—Behrle, J. A., Frt. Traf. Mgr.
180—Behrle, L. A., Asst. G. F. A.
428—Behrman, C. H., Supvr.
382—Beidelman, P. B., Asst G. F. A
777—Beiling, M., Aud. & Supt.
40c-Beimer, M. A., Div. Str. Kpr.
826—Beique, F. L., Pres.
40b-Beirne, A. H., Div. M. M.
1872—Beistle, C. P., Ch. Chemist.
137b-Belanger, C. E., Str. Kpr.
1046—Belasco, J. J., Ch. Eng.
227—Belcher, H. C., M. M.
876—Belcher, Jr., J., Treas.
40—Belcher, R. S., Mgr. Treat. Plants.
274—Belden, J. D., Rd. Mast.
507—Belden, W. P., Gen. Coun.
1021—Belding, R. A. Ind. Agt.
927, 1852—Belk, M. S., Gen. Air Brk. Instr., I V.-Pres.
139b-Belkia, F., Rd. Mast.
629—Bell, A. D., Asst. Pass. Traf. Mgr.
886—Bell, C. E., Supt. Din. Cars.
229—Bell, C. S., Rd. For. Eng.
751a-Bell, D. N., Pass. Traf. Mgr.
176—Bell, E. E., Supvr. B. & B.
847—Bell, E. E., Ch. Matl. Insp.
382—Bell, F., Gen. Mgr.
1020c—Bell, F. E., Rd. For. Eng.
1031—Bell, F. S., Pres.
137c-Bell, G., Rd. Mast.
1848—Bell, G. A., Deputy Minister.
381b-Bell, G. H., Treas.
40a-Bell, G. J., Dist. Eng.
137—Bell, G. T., Exec. Asst. to V.-Pres.
1840—Bell, H. E., Ch. Supvr. Oil & Gas Div.
392—Bell, H. F., For. Frt. Traf. Mgr.
931a-Bell, H. L., Div. Eng.
488a-Bell, H. P., Ch. Eng.
1841—Bell, H. R., Clerk.
1021—Bell, J., Rd. For. Eng.
428—Bell, J. A., M. M.
696—Bell, J. B., Asst. Eng.
675a-Bell, J. C., Ch. Eng.
229—Bell, J. D., Supt. Term.
182—Bell, J. O., Div. Supt.
930—Bell, J. R., Com. Valua. Coun & Gen. Atty.
959—Bell, J. W., Sec. & Treas.
695—Bell, L. A., Compt.
915—Bell, L. C., V.-Pres.
207—Bell, M. L., V.-Pres. & Gen. Coun.
428—Bell, N., M. M.
937—Bell, O. S., Treas.
395—Bell, R. E., Div. M. M.
428—Bell, R. W., Gen. Supt. M. P.
656, 1050—Bell, S. H., Sec.
886—Bell, W. A., Rd. Mast.
751a-Bell, W. I., Supvr. Tel. & Sig.
927b-Bell, W. L., Trk. Supvr.
139a-Bell, W. M., Rd. Mast.
382—Bell, W. R., Loco. For.
137—Bellerose, G. E., Gen. Supt. Transp.
627b-Belleville, J. M., V.-Pres.
127—Bellinger, F. W., Elec. Supt.
61a-Bellinger, R. P., Gen. Coun
1071—Bellmer, W., Supt. Ry.
737f-Belt, C. H., Asst. Supt.
847—Belt, E. R., Asst. Aud.
1076b-Belt, G. G., Gen. Mgr.
787a-Belt, H. C., V.-Pres.
847—Belter, W. E., Rd. For. Equip.
382—Belth, B., Dist. Str. Kpr.
58a, 437a—Beltz, J. D., Div. Supt., Gen. Mgr.
515—Beman, C. E., Sec.
207—Beman, T. R., Gen. Atty.
967—Beman, W. C., Asst. Traf. Mgr.
377—Bemis, H. C., Pres. & Gen. Mgr
791—Bemis, J. R., V.-Pres.
377—Bemis, L. C., V.-Pres.
791—Bemis, W. N., Pres.
619—Bender, C. H., Treas.
139—Bender, E. N., Gen. Pur. Agt.
159—Bender, F. W., Sig. Eng.
186—Bender, H., Supvr. B. & B.
96, 693—Bender, L., Asst. Treas.
58b-Bender, W. A., Dist. M. C. B.
629—Bender, W. A., Mech. Insp.
1021—Bender, W. F., Asst. Sec.
1406—Benedict, B., Traf. Mgr.
1341—Benedict, E. L., Traf. Mgr.
697—Benedict, L. F., Maint. For.
1857a-Benedict, P. C., Sec. & Treas.
808—Beneke, L. F., Sta.
751a-Benfer, W. E., Asst. Supvr. of Tel. & Sig.
670—Benitez, J. M., Div. Eng.
283—Benjamin, H. A., V.-Pres. & Gen. Mgr.
930—Benjamin, H. I., Asst. Div. Eng.
693b-Benjamin, L., Gen. For. Car Dept.
1835—Benn, J. S., Comr.
623a-Benner, E. L., Gen. Aud.
89—Benners, A., Pres.
626a, 947—Bennet, W. S., V.-Pres. & Gen. Coun., Gen. Coun.
1001a-Bennetson, E., Rd. Mast.
428—Bennett, C. C., For. Paint.
1042—Bennett, C. E., Gen. Mgr.
1811—Bennett, C. G., Ch. Eng.
520—Bennett, C. H., Sig. Supvr.
354a—Bennett, C. S., V.-Pres.
318—Bennett, C. W., V.-Pres.
1589—Bennett, D. L., Traf. Mgr.
927b-Bennett, E., Rd. Mast.
1055—Bennett, E. L., V.-Pres.
787—Bennett, F. H., Gen. For.
751b-Bennett, G. I., For. Car Rep.
123—Bennett, G. W., Asst. Supt.
931a-Bennett, H. L. Asst. Supt. Tel
751c-Bennett, H. W., Supvr.
498—Bennett, J. J., Pur. Agt.
475—Bennett, J. L., Treas.
157, 1076—Bennett, J. L., Pur. Agt.

720—Bennett, M. D., Gen. Supt.
1809—Bennett, O. R., Comr.
751a-Bennett, R. G., Gen. Supt. M. P.
186—Bennett, W., Supt. Tel.
186—Bennett, W. C., Rd. For. Eng.
751a-Bennett, W. J., Mast. Carp.
176—Bennett, W. L., Supvr. Trk.
632—Bennett, W. L., Supvr. B. & B.
1021—Bennett, W. R., Asst. Ch. Eng.
139—Bennett, W. T., Aud.
917—Benning, F. M., V.-Pres. & Gen. Supt.
521—Bennington, J. R., Pur. Agt.
1559, 1559a—Bennis, G. A., Car Acct.
139b-Benny, W. W., Div. Eng.
180—Benson, E. S., Compt.
322c-Benson, G. L., Supvr.
778—Benson, J. B., Rd. Mast.
204—Benson, L. J., Gen. Supt. Police.
195a-Benson, L. W., Asst. Rd. Mast.
600—Benson, M. R., Shop Supt.
139h-Benson, P. A., Rd. Mast.
600—Benson, R., Gen. For.
139e-Benson, S., Rd. Mast.
362—Benson, W. B., Traf. Mgr.
1021—Benter, G. T., For. Paint.
961—Bentley, F. E., Supt. Tel.
751b-Bentley, F. H., Supvr.
1473, 1669a, 1670b—Bentley, F. T., Traf. Mgr., West. Traf. Mgr.
186—Bentley, H. T., Gen. Supt. M. P. & M.
176—Bentley, L. G., Gen. Safety Agt.
904a-Bentley, R. S., Signal Supvr.
751a-Benton, A., Gen. Car Insp.
1040—Benton, C. E., Supt. D. C
886—Benton, H. A., Div. Supt.
1894a-Benton, J. E., Gen. Solr.
186—Bentson, H., Gen. For. Car Dept.
333—Bentz, J. L., Supt. & Aud.
207—Benzies, J., Rd. For. Equip.
705—Beoddy, J. A., Gen. Sig. Insp.
195a-Bercaw, W. A., Rd. Mast.
186, 209—Berck, F. J., Gen. Pur. Agt
198—Berend, H., Trk. Supvr.
204b-Berfield, A., Ch. Carp.
693b-Berg, A., Gen. For. Car Dept.
616—Berg, A., Rd. For. Eng.
58a-Berg, F. R., Asst. Rd. For. Eng.
299—Berg, H. L., Aud.
771—Berg, K., Supt. Loco. Shop.
695—Bergen, W. J., Eng. Asst. to Pres. & Valua. Eng.
930—Bergenthal, C. J., Trk. Weld. Supvr.
186—Berger, A., Gen. For. Car Dept.
1906—Berger, G. R., V.-Pres.
1843—Berger, H. O., Traf. Expert.
205—Berger, H. W., Sec. & Aud.
395—Berger, J. H., Rd. Mast.
86—Berger, W. E., Sec.
968—Bergeron, L. R., Sec.
382—Bergfeld, A. L., Supt. Trans.
200—Berghaus, F. C., Supvr. Mails & Exp. Traf.

751c—Berghofer, R. H., For. Car. Rep.
1021—Bergin, D. I., Rd. For. Eng.
186—Berglund, L., Rd. Mast.
927a—Bergman, J. S., Supt.
696—Bergman, P. F., Gen. Train Control Insp.
97—Bergner, W. A., Str. Kpr.
432—Bergschneider, A. S., Supt. Trans.
716—Bergstrom, H. E., Mech. Insp.
1364—Bergstrom, V. H., Traf. Mgr.
751b-Berkey, F. V., Asst. Div. Eng.
428—Bernard, A., Supt. Pass. Serv.
322b-Bernard, A. J., Trk. Supvr.
508—Bernard, E. G., M. M.
283, 1858a—Bernd, O. H., Sec. & Gen. Aud., 3 V.-Pres.
716—Berner, W. E., Div. Supt.
695, 1850b—Bernet, J. J., Pres., Chman. Trans. Div.
369—Bernhardt, C. F. M., Gen. For. Car Dept.
182—Bernhardt, J. E., Bdge. Eng.
304—Bernhardt, N. P., Ch. Eng.
958a-Bernheim, J., Pur. Agt.
342—Bernheim, J. M., Str. Kpr.
1844—Bernheim, R. B., Sec.
726c-Berninghaus, J. A., V.-Pres.
546—Bernstein, E. R., V.-Pres. & Gen. Mgr.
629—Bernstein, H., Gen. Atty.
847—Bernthal, W. E., Aud.
58a-Berrett, W. F., Supvr. Rds.
847—Berry, C. A., Rd. Hs. For.
547—Berry, E. A., Asst. Aud.
927—Berry, E. B., Supt. Ins.
860a—Berry, E. B., Gen. For.
549—Berry, G. H., Div. M. M.
442—Berry, H. F., Asst. Aud.
466a—Berry, H. J., Treas. & Aud.
137b-Berry, J., Boil. Insp.
139f-Berry, J. A., Trans. Asst.
691—Berry, L. W., Supt.
1270—Berry, T. W., Traf. Mgr.
847—Berry, W. B., M. M.
1040—Berryhill, J. L., Gen. Str. Kpr.
1923—Berryman, J. P., Sec.
62—Berryman, R., Rd. Mast.
432—Berta, A. J., Asst. Treas.
229—Bertermann, H., Asst. G. P. A.
229—Berthenshaw, B. A., Valua. Eng.
176—Bertram, H. A., Asst. Div. Eng.
159, 1850—Besler, W. G., Pres., 1 V.-Pres. Exec. Comm., Dir.
930—Bess, C., M. M.
176—Bess, H. A., Rd. For. Eng.
1884—Bessling, E. N., Sec.
1271, 1640a—Bessolo, A. J., Traf. Mgr.
626—Besson, L. H., Asst. Sec.
629—Best, H. H., Supvr. B. & B.
1852—Best, O., Treas.
137a-Bethune, J. J., Rd. Mast.
218a-Bettcher, W. H., M. C. B.
930—Betterton, G. M., Asst. Pur. Agt.
964—Bettle, F. W., Gen. Rd. Mast.
1801a-Betts, A. A., Comr.
961—Betts, B. B., Supvr. Trk. & Struct.

40—Betts, C. E., Asst. Gen. Aud.
137g-Betts, G. B., Asst. Car Acct.
1850k-Betts L. M., Mgr. C. C. Sect.
137c-Betts, T. P., Str. Kpr.
751a-Betts, W. V., Supvr.
191—Beutler, F. E., Asst. Sig. Eng.
159—Bevan, T. D., Eng. Power Plants.
137b-Bevan, W. H. B., Dist. Eng.
751a-Bevan, W. T., Supvr.
847—Bevans, W. H., Supt.
428—Beven, J. L., V.-Pres.
739—Beverley, R., Asst. to Supt.
229—Bevington, S. V., Supt. Term.
1882—Bevis, J. A., 1 V.-Pres.
342—Beydler, O. L., Supvr. B. & B.
549—Beyer, C. D., For. Paint.
847—Beyer, F. A., Supt. Shops.
186—Beyers, H. W., Frt. Traf. Mgr.
428—Beymer, W. D., Asst. Compt.
964—Biard, A. J., Aud.
137b-Bibby, W., Rd. Mast.
751c-Bibler, C. W., For. Car Rep.
1821—Bice, J., Ch. Insp. Eng.
728—Bice, J. H., Mgr.
373—Bichler, W. N., Mgr.
1001—Bichlmeir, G. W., Gen. Pur. Agt.
18, 530—Bickel, C. E., Gen. Supt.
808—Bickford, P. R., Supvr.
693a—Bickford, S. A., M. M.
751a-Bickle, P. F., Asst. Supvr Tel. & Sig.
751b-Bickley, W. P., Gen. For.
302—Biddle, Jr., A. J. D., V.-Pres.
927b-Biddy, J. L., Trk. Supvr.
927b-Biddy, J. N., Trk. Supvr.
160—Bideler, A. I. G. F. & P. A.
1292b-Bidgood, W. D., Traf. Mgr.
600—Bieber, C. H., Supt. C. S.
283—Biegler, E. B., Treas & Aud
693a-Biehl, L., Rd. For. Eng.
1247—Bien, A. J., Traf. Mgr.
444, 808—Bierck, A. B., Aud., Compt.
180—Bierd, W. G., Recr.
58b-Bierle, C. C., Supvr. Rd.
395—Biering, S. R., Asst. Gen. Clm. Agt.
1001a-Bierman, G. R., Asst. G. P. A.
628b-Bierman, H., Frt. Clm. Agt.
696—Bieth, R. J., Div. Eng.
860, 860a—Bietry, J. N., Trav. Str. Kpr.
837—Bigelow, B., Asst. G. F. A.
613—Bigelow, B., Treas.
1001d-Bigelow, F. M., Supvr. B. & B.
182—Bigelow, O., Gen. For.
1020—Bigelow, S. C., Sec. & G. P. A.
1001c-Biggar, R. T., Dist. Str. Kpr.
930—Biggs, C. M., Ind. Agt.
137c-Biggs, J. E., Loco. For.
180—Biggs, W. T., Asst Eng.
1327—Bigler, L. C., Traf. Mgr.
751—Bikle, H. W., Gen. Atty.
78—Billet, W., For. Car Rep
637—Billings, C. P., V.-Pres.
1806—Billings, H. F., Sec.
1074—Billings, R., Pres.
964—Billingsley, E. L., Asst. G. F. A.
777—Billingsley, N. B., V.-Pres. & Gen. Mgr.

137g–Billington, H. J., Rd. For. Eng.
58—Billou, L.S., Asst.Elec.Eng.
1091—Bills, H. R., Sig. Supvr.
382—Billsborough, D. S., Loco. For.
751a–Billstein, A. E. F., Asst. Supvr. Tel. & Sig.
41, 992—Billups, J. P., G. P. A.
204—Bilty, C. H., Mech. Eng.
808—Biltz, F. W., Supvr.
808—Bingaman, C.A., Mech.Eng.
479—Bingham, C.E., Frt.Clm.Agt
329b–Bingham, C.L., Milk & Live Stock Agt.
1889b–Binkerd, R. S., V.-Chman.
398—Binkley, J. O., M. M.
751c–Binkley, Jr., T., Supvr.
139e–Binney, R. M., Rd. Mast.
139c–Binns, A. H., Div. M. M.
619—Birch, A. V., M. M.
243—Birch, S., Pres.
40c–Birch, W. A., Div. For.
198—Birchinall, S. G., Rd. For. Eng.
1700—Bird, A. L., Gen. Mgr.
139a–Bird, A. M., Rd. Mast.
654a–Bird, C. D., 2 V.-Pres.
137g–Bird, G. B., Asst. Aud.
927—Bird, T., Asst. Treas.
716—Birdsall, F.L. Asst.Div.Supt.
619—Birdsell, A., Div. Eng.
725b–Birge, C. A., V.-Pres. & Traf. Mgr.
705—Birkelbach, W. F., Supvr. B. & B.
927a–Birkenwald, E.S., Asst. Eng. Maint.
94, 648a—Birkhead, M.H., Gen. Supt., Supt.
927b–Birkla, F. G., Trk. Supvr.
137c–Birse, J., M. M.
930—Birt, W. R., Asst. Supt. Tel.
751c–Birtwhistle, J. W., Supvr.
199—Bisbee, A. J., Supt.
306d–Bisbee, E. F., V.-Pres.
96—Bisbee, S., Fuel Supvr.
322a–Bisbing, T. B., Trk. Supvr.
96—Biscoe, H. M., V.-Pres.
729—Biscoe, R. L., V.-Pres. & Treas.
551—Bishoff, L. D., Trk. Supvr.
1038—Bishop, B. C., Eng.
382—Bishop, C. E., Sig. Supvr.
629—Bishop, C. E., Asst. Eng.
195a–Bishop, C. T., Sig. Supvr.
176—Bishop, E. N., Asst. Insp. Water Supply.
289—Bishop, F. H., Rd. Mast.
24—Bishop, F. J., Eng. M. W.
428—Bishop, F. R., Supvr.
539—Bishop, G. C., S. M. P.
1030—Bishop, G. T., Chman of Bd.
428—Bishop, H. E., Sig. Supvr.
48a—Bishop, J. E., G. F. A.
176—Bishop, J. H., Supvr. Water Supply.
198—Bishop, R. A., G. P. A.
731f–Bishop, S. A., Clm. Agt.
68a–Bishop, W. I., Ind. Agt.
693a–Bissett, W. O., Rd. For. Eng.
693b–Bissell, E. R., Div. Supt.
886—Bissett, J. R., Mech. Insp.
629—Bissland, W. H., G. B. A.
242—Bisson, G., M. M.

1001, 1902—Bissonnet, G. E., Gen. Aud., 2 V.-Pres.
1001a–Bitney, J. R., Rd. Mast.
298—Bitters, H., M. C. B.
808—Bittle, G.C., For. Car Shops.
693b–Bitz, G., Supvr. Brdgs.
229—Bivens, P. J., Div. Str. Kpr.
523—Bivens, S., Asst. Rd. For. Eng.
1381—Bixby, A. H. C., Traf. Mgr.
771—Bixler, A. P., Gen. Aud.
751b–Bixler, W. T., For. Car Rep.
218a–Bixler, W. R., Treas.
204a–Bjorkholm, J. E., Asst. Supt. M. P.
170—Black, A. H., G.F.A. & Acct.
58a–Black, B. R., Asst. Str. Kpr.
931a–Black, C., Supvr. B. & B.
1700—Black, C., Gen. Mgr. R. E.
16—Black, C. E., Pur. Agt.
139—Black, C. J., Aud.
671—Black, J. A., Land & Tax Comr.
757—Black, J. D., Supvr. B. & B.
751—Black, Jr., J. R., Asst. Aud
275—Black, L. H., Rd. Mast.
137a–Black, R. A., Div. Eng.
705—Black, R. L., M. M.
137a–Black, R. N., Air Brk. Inst.
757—Black, R. S., Asst. Supt.
769—Black, T. L., Frt. Clm. Agt.
958a–Black, W., Gen. For. Loco. Dept.
629—Black, W. C., Rd. For. Eng.
324—Black, W. E., Pres.
392b–Black, W. E., Frt. Clm. Adj.
693a–Black, W. F., Gen. For. Loco. Dept.
695a, 695b—Black, W. G., Supt. M. P.
40—Black, W. J., Pass. Traf. Mgr.
137—Black, W. J., Director.
670—Blackaller, J. G., Div. Eng.
693a–Blackburn, J. E., Gen. For. Loco. Dept.
230—Blackett, J., Aud.
1701—Blackhall, J., Mgr. Fin. Dept
666—Blackie, G. F., Asst. Ch. Eng.
738—Blackie, W. G., Compt.
886—Blackley, W. R., Gen. For. Loco. Dept.
137c–Blacklock, G., Rd. Mast.
549—Blackman, C.H., Prin. Asst. Eng.
960a–Blackman, C. S., G. F. A.
553—Blackmon, G. A., Sec. & Gen. Mgr.
382—Blacksetb, G., Dist. Rd. Mast.
472—Blackshear, T.C., Trav. Boil. Insp.
75—Blackstock, I. B., V.-Pres.
523—Blackwell, J. H., Supvr.
927a–Blackwell, J. H., Rd. Mast.
1059a–Blackwell, O. I., Sec. & G. P. A.
307—Blackwell, W. H., Aud.
705—Bladon, J. L., G. P. A.
428—Blaess, A. F., Ch. Eng.
137-Blaiklock, M.S., Asst. Ch. Eng
847—Blaine, T., Div. Rd. Mast.
1849—Blair, A. G., Coun.
278—Blair, A. W., Asst. Sec.
751—Blair, C. C., Asst. to Treas.
632—Blair, E. B., Gen. East. Frt. Agt.

194—Blair, E. J., Gen. Mgr.
751a–Blair, G., Mast. Carp.
726—Blair, G. A., Pres.
751b–Blair, H. L.H., Asst. to Gen. Mgr.
137a–Blair, J., Rnd. Hse. For.
382—Blair, J. A., Gen. Supt. Din. & Sleep. Cars.
930—Blair, J. P., Gen. Coun.
547—Blair, R. J., Supt.
930—Blair, R. R., Rd. Mast.
40b–Blair, T. A., Rd. Mast.
432—Blair, W. H., Ch. of Tar. Bur
1479—Blaise, E. F., Gen. Mgr.
787c–Blake, C. H., Pres.
40a–Blake, H., Rd. For. Eng.
204a–Blake, H. C., Asst. Eng.
137c–Blake, H. P., Eng. W at. Sup.
705—Blake, H. S., Asst. Eng.
150—Blake, J. E., Asst. Gen. Traf. Mgr.
176—Blake, J. W., For. Car Dept.
137b–Blake, M. R., Supvr. Water Serv.
716—Blake, R. P., M. M.
137c–Blake, W. C., Aud.
886—Blake, W. H., Supt.
231—Blakeley, W., Sec. & Gen. Mgr
58b–Blakeley, W. W., Asst. Frt. Traf. Mgr.
329—Blakely, E. F., V.-Pres.
705—Blakemore, C. H., Supt. Safety.
1830—Blakeslee, C. G., Coun.
751b–Blakley, T.M., Rd. For. Eng.
1098—Blalock, A. C., Supt.
751c–Blancett, J. F., For. Car Rep.
726e–Blanchard, E.F., Supt. Clms.
58a–Blanchard, F., Str. Kpr.
97—Blanchard, F. H., Supt. Shops.
1054—Blanchard, J. G., G. P. A.
40b–Blanchard, M. C., Ch. Eng.
365—Blanchard, W., Treas.
204a–Blanchard, W. H., Asst. Eng.
1090c–Bland, J. V., Str. Kpr.
292—Blandford, W. B. H., Sec. & Treas.
847—Blankenship, J. A., Div. Str. Kpr.
705—Blankenship, L. H., Rd. For. Eng.
931a–Blankenship, R. R., Rd. Mast
1449b–Blanton, J. D., Traf. Mgr.
204c–Blase, W. C., Trav. Eng.
58—Blaser, F. E., Asst. to V.-Pres
1001b–Blaser, G., Rd. Mast.
1001b–Blaser, H., Rd. Mast.
693a–Blasie, J. S., Dist. Str. Kpr.
424—Blasing, W. A., Aud.
471—Blasser, B., Elec. Eng.
563—Blatchford, C.H., Gen. Solr.
1021—Blattermann, L. A., G. P. A.
1837—Blease, S. C., Comr.
930—Blech, G. J., Asst. G. F. A.
180—Bledsoe, G., Supvr.
40—Bledsoe, S. T., Gen. Coun.
233—Blee, J. M., Aud.
931a–Bleick, W., M. M.
523—Bleudinger, F. L., V.-Pres.
381—Blesh, J. L., M. M.
669—Blevins, E., Aud.
45—Blevins, F. F., Aud.
195a–Blick, A. J., Sig. Supvr.
695b–Blick, R. E., Rd. For. Eng.

715—Blinn, A.C., V. Pres. & Gen. Mgr.
465—Blinn, E. D., Gen. Supt.
97—Bliss, H. A., M. M.
930—Bliss, P. A., Sig. Supvr.
96, 693—Bliss, S. S., Asst. Treas.
847—Bliss, T. E., Asst. Eng.
836—Bliss, W. C., Chman.
274—Blocksidge, J. E., For. Car Paint.
840—Blodgett, H., Sec.
135a-Blodgett, J. W., V.-Pres.
757—Blodgett, W. H., Loco. For.
58a-Bloecher, Jr., T., Div. Eng.
952—Bloedel, A. S., Pres.
24—Blomeyer, E. F., V.-Pres. & Gen. Mgr.
324—Blomstrom, A., Supt.
523—Blood, C. A., Traf. Mgr.
927—Blood, F. H., Div. Str. Kpr.
386—Blood, L. F., Pur. Agt.
234a, 257—Blood, W. W., Sec.
186—Bloodgood, E. J., Asst. Gen. Aud.
93—Bloom, B., Eng. M. W. & Rd. Mast.
195a-Bloom, C. E., Gen. For. Loco. Rep.
1001d-Bloom, C. H., Asst. to Gen. Mgr.
693c-Bloom, G., Asst. Div. Eng.
207—Bloom, J. G., Eng. M. W.
17—Bloomer, P. A., Gen. Supt.
362a, 1520—Bloss, S. M., Pres., Gen. Mgr.
157—Blount, J. W., Asst. G. P. A.
87a-Blount, R., V.-Pres.
663—Blount, S. W., V.-Pres.
87a-Blount, W. M., Pres.
392a-Blowers, B., Asst Div. Eng.
294—Blu, E. F., Asst. Gen. Solr.
549—Blue, B. W., Asst. Div. M. M.
1—Blue, H. J., 1 V.-Pres.
1—Blue, H. McC., Sec. & Treas.
964—Blue, J. N., M. M.
1—Blue, W. A., Pres. & Gen. Mgr.
214—Bluhm, M. L., Asst. Gen. Solr.
716—Blum, B., Eng. M. W.
628a-Blum, H. J., Dist. Str. Kpr
847—Blume, A., Gen. Str. Kpr.
209—Blundell, E. C., Div. Supt.
751a-Blydenburgh, R. R., Asst. G. F. A.
137c-Blythe, J. W., Loco. For.
693a-Boa, E. R., Rd. For. Eng.
964—Boardman, F. W., Gen. M. M.
127—Boardman, J. M., For. Paint.
683—Boardman, W. T., Asst. G. F. & P. A.
566—Boardway, C. J., Traf. Mgr.
958a-Boast, R. G., Eng. M. W.
756—Boatner, V. V., Pres.
886—Boatwright, V. T., Aud.
705a-Bobbitt, H., Rd. For. Eng.
176—Bock, E. L., Gen. Supt.
137c-Bock, G. A., Str. Kpr.
209—Bock, J. G., Brdg. Insp.
1805—Bock, C., Comr.
396—Bock, P. E., Traf. Mgr. & Gen. Supt.
428—Bodamer, E., Term. Supt.
549—Bodemer, C. J., Asst. Supt. Mach.
204a-Bodenberger, J., Gen. Rd. For. Eng.
308b, 861—Bodge, E. L., Traf. Mgr
139, 139g, 139h—Bodkin, R. I., Frt. Clm. Agt.
32—Bodman, E. J., Treas.
886—Bodwell, F. G., Sig. Supvr
1014—Body, J. B., Mgr. Dir.
288b-Boell, V. A., Aud.
137f-Boerger, L. H., M. M.
757—Boertman, C., Shop Supt.
434—Boese. O., Gen. For. Car Dept
280—Boettcher, C., Recr.
278—Boettcher, C. K., Chman.
629—Bogan, A. R., Asst. G. F. A.
428—Bogan, F. S., Gen. For. Car Dept.
629—Bogan, J. E., Div. Str. Kpr.
328a-Boggess, R., Treas.
629—Boggess, R. M., Str. Kpr.
767—Boggs, J. E., Sec. & Treas.
137e-Bogue, B. O., Car. & Loco. For
207—Bogue, D., Rd. Mast.
207—Bogue, F. A., Div. Supt.
731—Bogue, N. H., Ch. Eng.
182, 1850a—Bohart, W. H., Ch. Surg., 1 V.-Chman.
1356—Bohecker, F. H., Traf. Mgr.
536—Bohen, J. T., M. M.
137b-Bohen, P., Rd. Mast.
382—Bohland, J. A., Brdg. Eng.
959a-Bohr, H. F., V.-Pres.
959—Bolce, C., Pres.
342—Bolce, C. D., Sec. & Pur. Agt.
1809—Bolfeuillet, J. T., Comr.
182—Bolnk, A. J., Dist. Str. Kpr.
1426—Bolsen, M. A., Sec.-Treas.
229—Boissevain, F. P., Aud.
428—Boland E. J., Rd. Mast.
314—Boland, J., Rd. For. Eng.
751c-Boland, J. E., Supvr.
930—Boland, W. E., Sig. Eng.
1576a, 1673, 1686a—Bolender, G. J., Traf. Mgr.
1416a-Bolender, W. J., Traf. Mgr.
693c-Boler, J., Supvr. B. & B.
523—Boles, E. H., V.-Pres. & Gen. Coun.
97—Boles, G. E., Asst. Tr. Supvr.
927a-Boles, J. M., Rd. Mast.
751c-Boles, O. K., Supvr. Tel. & Sig.
59—Bolin, W. C., Off. Eng.
386—Bolles, F. R., Traf. Mgr.
204a-Bolmgren, E. W., Asst. Eng.
674a-Bolt, R. D., Aud.
176—Bolton, C. E., Statistician.
207—Bolton, J., Rd. Mast.
382—Bolz, H., Car For.
1040—Bon, J. F., Asst. G. F. A.
137b-Bonany, F., Rd. Mast.
619—Bond, D. J., Compt.
847—Bond, E. T., Asst. Eng.
137b-Bond, F. L. C., Gen. Supt.
1039—Bond, J. E., Ch. of Police.
428—Bond, L. H., Eng. M. W.
828—Bond, N. U., Pres.
751a-Bond, R. J., Div. Eng.
566—Bond, T., Asst. Aud.
314—Bond, T. E., Traf. Mgr.
439—Bond, T. S., Asst. Ch. Eng.
727b-Bond, W. E., Aud. & Asst. Treas.
731—Bond, W. E., Supt.
629—Bone, S. H., Asst. Aud.
629—Bone, J. E., Rd. Mast.
751b-Bonhoff, E. L., Gen. For.
186—Bonnell, G., Ind. Agt.
393—Bonnell, L. W., Treas.
392—Bonner, B. F., V.-Pres.
207—Bonner, E., Rd. For. Equip.
186—Bonner, G. E., Div. Supt.
157—Bonner, J. F., Supvr. Trk.
693a-Bonner, J. K., Supvr. B. & B.
563—Bonney, A. H., Gen. For. Car Rep.
886—Bonney, R. W., Div. Eng.
886—Bonsal, W. R., V.-Pres.
693b-Bonsquet, E. N., Asst. Supvr. Sig.
751b-Booher, S. G., For Car Shops
927a-Bookout, A. R., Trk. Supvr
186—Boomer, G. C., Asst. Supt. Car Serv.
137c-Boomer, I. L., Asst. Supt.
137b-Boon, W. R., B. & B. Mast.
137a-Boone, C. E., Rd. Mast.
451—Boone, W. K., Gen. Mgr.
274—Booth, C. H., Asst Treas.
757—Booth, C. M., Frt. Traf. Mgr.
696—Booth, C. W., Div. M. M.
58b-Booth, D. L., Gen. For. Loco. Dept.
1926—Booth, E. B., Treas.
75—Booth, E. E., Supt. & M. M.
865—Booth, E. J., Ch. Eng.
394a, 439—Booth, H., Gen. Traf. Mgr., Traf. Mgr.
891—Booth, H., Treas.
705—Booth, I. W., Sec. & Asst. Treas.
82—Booth, J. K., M. M.
886—Booth, J. W., Asst. G. F. A.
146—Booth, R. L., Aud.
987—Booth, R. R., Traf. Mgr.
137—Booth, W. A., Dir. Safety & First Aid.
58a-Booth, W. F., Term. Div. Supt.
76, 276—Booth, W. H., Pur. Agt.
886—Booth, W. H., Rd. Mast.
176, 413—Booth, W. L. Ch. of Yd. & Term. Oper.
771—Boots, E. W., Eng. M. W.
1926—Booze, B. T., Ch. Asst.
1859—Borcherdt, C., Sec.
547a-Borchert, W. C., Ch. Eng.
47—Borden, H. L., V.-Pres. & Sec.
40c-Borden, R. L., Rd. Mast.
930—Bordwell, F. A., Div. Eng.
808—Borell, E. A., Eng. M. P.
1853—Borger, F. R., Sec. & Treas.
229—Borgman, G. F., Supvr. Trk.
166—Boring, C. H., Rd. Mast.
751—Boring, T. J., Gen. For. M. C. B. Cl. Hse.
1800a-Borland, W. P., Dir. Bur. Safety.
1039a-Born, A., V.-Pres.
204a-Bornitzke, F., Asst. Sig. Supvr.
599—Borrett, O. W., V.-Pres. & Compt.
1001d-Borsack, E. W., Sta.
438, 664, 930—Boschke, G. W., Ch. Eng. Const.
1001c-Boscow, F. A., Rd. Mast.
549—Bose, J., Div. Supt.
432—Bosenbury, J. M., Supt. M. P. & Equip.

1642, 1675—Bosley, T. A., Traf. Mgr.
800—Bosse, H. G., Pur. Agt.
204a-Bost, M. A., Asst. Eng.
937a-Bostian, J. W., Trk. Supvr.
89—Bostick, J. T., Pur. Agt. & Car Acct.
1001a-Bostrom, O. J., Rd. Mast.
200—Bostwick, R., Gen. Str. Kpr.
629—Bostwick, R. W., Div. Str. Kpr.
453a-Boswell, R. F., Rd. Mast.
927a-Boswell, T. S., Asst. to Ch. Eng. M. W. & Struct.
141a-Botchford, D. H., Gen. Mgr.
629—Bothwell, C. K., Asst. G. P. A
137—Bothwell, G. J., Supt.
395—Bothwell, T. L., Asst. G. F. A.
198—Botsford, F. E., Car For.
176—Botts, A. E., Div. Eng.
311a-Boucher, M. W., Asst. Supt
139d-Boucher, W. R., Supt.
204b-Bouffleur, A. L., Ch. Surg.
808, 1883—Boucher, J. T., Car Acct., Sec. & Treas.
628a-Boughner, A. E., Term. Supt.
693a-Boughton, J., Rd. For. Eng.
628a-Boughton, N. J., Mech. Eng.
195a-Bouhan, C. L., Rd. Mast
41, 992—Boulineau, G. E., G. F. A.
157—Boulineau, W. W., M. M.
137c, 137f—Bourbonniere, Z., Dist. Str. Kpr., Str. Kpr.
137a-Bourgeois, B. A., Treas.
137a-Bourgeois, C. L., Rnd. Hse. For.
137b, 137d—Bourlier, H. C., Gen. Pass. Agt.
439, 629—Bourne, Jr., C., Asst. G. F. A
137—Bourne, F. A., Supt. Pen. & Relief.
715—Bourne, G. H., Asst. Sec. & Asst. Treas.
816—Bourne, L. S., Gen. Mgr.
139g-Bourne, M., Rd. Mast.
798—Bourque, A., Rd. Mast.
137a-Bourque, J. B., Car. For.
837—Bourquin, F. R., Supvr. B. & B
846a-Bouscher, W. H., Rd. Mast.
1021—Bousfield, J. C., Div. Eng.
440—Bouslog, H. C., Supt. Power.
58—Bouton, W. S., Consit. Eng.
342—Boutwell, W. O., Asst. G. P. A.
132b-Bovee, C. F., Traf. Mgr.
472—Bowden, I. V., Tie & T. Agt.
58c, 935—Bowden, J. F., M. M.
675a-Bowdle, R. A., Ch. Surg.
47—Bowdoin, J. A., Dist. Supt.
693a-Bowe, G. J., Supvr. Trk.
986a-Bowe, J. T., G. F. & P. A.
693a-Bowe, J. W., Supvr. Trk.
204b-Bowen, A. C., Div. Supt.
139—Bowen, D. H., Supt. Tel.
322a-Bowen, E. I., Div. Supt.
990—Bowen, G. H., Gen. Mgr.
139—Bowen, H. B., Works Mgr.
1822—Bowen, I., Comr.
274—Bowen, J. R., Rd. For. Eng.
553—Bowen, J. S., Pres.
279, 821—Bowen, L. W., Supt.
382—Bowen, O. S., Asst. to Ch. Eng.
40b-Bowen, T. B., Rd. For. Eng.
949, 977—Bower, C. F., Aud.
229c-Bower, H. A., Gen. For. Car Dept.
1850a-Bower, J. L., Chman.
628b-Bower, O. H., Aud.
739—Bower, T. J., Pur. Agt.
229, 600, 692x, 693, 771—Bower, W. C., Mgr. Pur. & Strs.
1021—Bowers, A. J., Supvr.
413—Bowers, A. O., Supvr. Wat. Sup.
472, 962—Bowers, B. L., Rd. Mast.
1039—Bowers, E. A., Gen. Atty.
751b-Bowers, S. C., Mast. Carp.
139—Bowes, C. H., Asst. G. P. A.
428—Bowes, F. B., V.-Pres.
693a-Bowes, J. T., Rd. For. Eng.
207—Bowes, L. C., Prod. Eng.
58—Bowie, A. S., Asst. Gen. Atty.
139c-Bowie, E. J., Div. M. M.
1040—Bowie, J. F., Coun. to Bd.
927a-Bowie, J. L., Tr. Supvr.
137g, 286f-Bowker, C. G., Gen. Mgr., V.-Pres.
720—Bowker, L. W., Pur. Agt.
139b-Bowler, G. A., Asst. Supt.
751c-Bowler, R. W. E., Div. Eng.
930—Bowles, A. F., Div. Supt.
259—Bowles, A. K., Gen. Aud.
353—Bowles, C., Asst. Gen. Mgr. & Aud. for. Recrs.
137—Bowles, C. L., Supt.
139—Bowles, W. C., Asst. Frt. Traf. Mgr.
40b-Bowlin, N. R., Rd. Mast.
927b-Bowling, E. S., Term. Supt.
696—Bowman, A. W., Asst. Treas.
439—Bowman, C. H., Rd. Mast.
229—Bowman, D. M., G. P. A.
58b-Bowman, D. R., Supv. Rd.
123—Bowman, G. A., Asst. G. F. A.
695b-Bowman, M. B., Str. Kpr.
440a-Bowyer, C. B., Ch. Surg.
395—Box, F. E., Rd. Mast.
668—Box, J. A., M. M.
472—Box, M. A., Rd. Mast.
186—Boyce, A., Gen. For. Car Dept
1849—Boyce, A. C., Comr.
209—Boyce, G., Supt. Tel. & Sig.
227—Boyce, G. H., Pur Agt.
545—Boyce, J. G., Asst. to Pres.
186—Boyce, J. H., Gen. For. Car Dept.
52, 369, 1001e—Boyce, P. M., Treas.
1858d-Boyce, W. H., 3 V.-Pres.
58—Boyd, Jr., A. H., Gen. Atty.
137b, 1927—Boyd, A. N., Rd. For. Eng., 5 V.-Pres.
1882—Boyd, D. R., Sec.
469—Boyd, E. A., Gen. Atty
1937—Boyd, E. B., Chman.
1558a-Boyd, F., Traf. Mgr.
322b-Boyd, F. H., Car Serv. Agt.
207—Boyd, F. J., Rd. For. Equip.
139—Boyd, H. H., Asst. Ch. Mech. Eng.
382—Boyd, J. H., Asst. Compt.
137—Boyd, L. B., Supt.
751a-Boyd, O. T., G. P. A.
455—Boyd, P. M., Sec. & Treas.
807—Boyd, W. S., Gen. Mgr.
751b-Boyer, C. E., Gen. Car Insp.
440—Boyer, C. W., Rd. Mast.
629—Boyer, E. E., Rd. Mast.
600—Boyer, G., Div. For. Bldg.
808—Boyer, H. A., For. Car Shops.
1008a-Boyer, J. C., Pres.
886—Boykin, H. M., Asst. G. F. A.
393—Boykin, L. J., G. F. A.
322a-Boykin, R. H., Supt. Term.
549—Boykin, W. M., Asst. Div. Supt.
123—Boylan, P. N., Asst. Supt.
696—Boyle, A. C., For. Paint.
751c-Boyle, B. J., Supvr.
1825—Boyle, D., Comr.
274—Boyle, J., Rd. Mast.
137e-Boyle, J. C., Asst. Eng. Trk.
139a-Boyle, J. H., Supt.
751c-Boyle, M. E., Supvr.
186—Boyle, M. J., Div. Supt.
693a-Boyle, P. J., Rd. For. Eng.
552—Boyle, S. G., Treas.
847—Boyles, N. G., Rnd. Hse. For.
696—Boylett, J. H., Sig. Insp.
786—Boynton, B. F., Clm. Agt.
629—Bracken, C. H., Str. Kpr.
195, 269—Bracken, E. P., V.-Pres., Pres.
209—Bracken, T. F., Gen. For. B. & B.
716—Bracken, W. A., Rd. Mast.
751c-Bracket, C. A., Gen. For. Car Rep.
176—Brackman, A. B., Str. Kpr.
757—Bracy, W. W., Tie & Tim. Agt.
563—Bradburn, J. H., For. Paint.
234, 278a, 349—Bradbury, J. H., Compt., Gen. Aud., Compt
927a-Bradbury, O. H., Air Brk. Instr.
1669—Braden, C. W., Traf. Mgr.
776—Braden, E. V., Eng.
771—Braden, O. S., Ind. Agt.
259—Bradfield, C. H., R. E. Agt.
279—Bradford, A. D., Str. Kpr.
629—Bradford, A. F., Asst. Eng.
798—Bradford, A. H., Gen. Acct.
210—Bradford, C. T., V.-Pres.
1696—Bradford, C. T., Mgr. Traf.
619—Bradford, G., Supvr. Mails
279—Bradford, R. K., Asst. Supt. Trans.
453—Bradford, W. G., Sec.
716—Bradford, W. M., Supvr. B. & B.
1598—Bradish, L. M., Asst. Gen. Aud.
737f-Bradley, A. C., Supt.
207—Bradley, A. C., Div. Eng.
1704—Bradley, A. D., Gen. Mgr.
927b-Bradley, A. P., Rd. Mast.
695—Bradley, C. L., V.-Pres.
1039—Bradley, E. E., Sig. & Tel. Eng.
195b-Bradley, E. W., Mast. Carp.
523—Bradley, G. C., Rd. For. Eng.
24—Bradley, H. S., Traf. Mgr.
394a, 439—Bradley, H. T., Valua. Eng.
229—Bradley, J. D., Pres.
122—Bradley, J. G., V.-Pres., Sec., Treas. & Gen. Supt.
412—Bradley, J. J., V.-Pres. & Gen. Mgr.
229—Bradley, J. L., Supvr. Trk.
97—Bradley, M. C., Asst. Compt.
716—Bradley, M. T., Rd. Mast.
158—Bradley, R. L., Aud.
194—Bradley, R. R., Gen. Coun.

428—Bradley, W. A., Ch.Lumber Insp.
355b-Bradner, G. H., Sec. & Gen. Aud.
204b-Bradshaw, C. O., Gen. Mgr.
139f-Bradshaw, D., Rd. Mast.
629—Bradshaw, E.H., Elec.Supvr
757—Bradshaw, F. H., For. Paint.
1555—Bradshaw, M. B., Traf.Mgr.
209—Bradstreet, E. J., For. Rnd. Hse.
1001—Bradt, H. S., Asst. Cont.
1006b-Brady, A. W., Recr.
629—Brady. C., Sig. Supvr.
751b-Brady. H. K., Supt. Labor & Wage Bur.
58a-Brady, J. E., M. M.
718c-Brady, J. G., Frt. Clm. Agt.
847—Brady, L. J., Rnd. Hse. For.
1473b-Brady, P. J., Traf. Mgr.
395—Brady, S. W., Div. Eng.
625, 668, 743—Brady, Jr., T., Gen. Coun., Gen. Atty.
207—Bragg, R. R., Dyr. Cap.
137b-Bragg, T., Car For.
1702—Bragg, W. M., Supt.
757—Brahany, H. F., Aud.
781—Brahany, W. H., Aud.
472, 96?—Brain, B. B., Pur. Agt.
693—Brainard, A. E., Asst.G.P.A.
432—Bramble, B. E., Compt.
832—Brameld, W. H., Eng. Asst. to V.-Pres.
727a-Bramlette, J. M., Gen. Mgr.
1021—Bramon, G. E., Gen. Aud.
66—Branagan, I. C., Treas.
696—Branagan, J. P., Gen. West. Frt. Agt.
66—Branagan. W., V.-Pres. & Gen. Mgr.
159—Branch, B. D., Asst. G. P. A
180—Branch, C. S., M. M.
1076f-Branch, D. W., Mgr.
186—Branch, J. W., Aud.
137a-Branch, K., Rd. Mast.
176—Branch, M., Supvr. Tools.
886—Branch, O.C., Rd. For. Eng.
510—Brand, A., M. M.
726b-Brand, A. E., M. M.
847—Brand, E. L., Asst. Eng.
808—Brand, J. G., Supvr.
47—Brand, J. N., Asst. Gen. Mgr.
47, 239—Brand, R. A., V.-Pres., Frt. Traf. Mgr.
455—Brandler, C. F., Pur. Agt.
1801—Brandon, J., Sec.
186—Brandriff, C. D., Gen. Aud.
847—Brandt, W. F., Gen. For.
382—Branley, J., Div. Rd. Mast.
1091—Brann, L. E., For. Paint.
847—Brannaman, F.E., Asst. Supt
137c-Brannan, J., Rd. Mast.
297—Brannan, T., Rd. Mast.
182—Brannon, C., Div. Eng.
1701—Branscombe, F. W., Gen. Supt.
195a-Bransfield, J. P., Gen. For. Loco. Rep.
1260—Bransford, C. L., Supt.
549—Brant, A. W., Asst. Supt. Term
303b-Brant, D. E., Aud.
58a-Brant, H.P., Asst. Rd. For. Eng.
157, 1076—Brantley, D. W., Car Acct.
740—Brantley, F. L., Aud., G.F.& P. A.
47—Brantley, J. B., Asst. G.F.A.
1594b-Brantley, J. H., Traf. Mgr.
382—Brashares, H. E., Asst. Supt. Sig.
931a-Brashear, J. C., Asst. G.F.A.
241a-Brasheals, J. H., Rd. Mast.
1667—Brasington, R.E., Traf. Mgr.
826—Brassard, J., Rd. Mast.
716—Brastrup, F., Div. Supt.
277d-Braswell, H. M., Sec. & Aud.
209—Bratager, P. A., Asst. Eng.
716—Bratager, S.J., Asst. Ch. Eng.
616a-Bratnober, G. A., Sec. & Treas.
616a-Bratnober, C.P., Pres.
616a-Bratnober, H. L., V.-Pres.
930—Bratten, T.W., Supvr. B.&B.
186—Bratton, J. H., Rd. Mast.
872b-Bratton, J.R., Gen. Clm. Agt.
179a-Braun, Jr., C. J., Treas.
176—Braunstein, V. A., Asst. G. P. A.
176—Bray, D. E., Asst. Insp. Water Supply.
927a-Bray, J. W., Asst. G. F. A.
751b-Bray, M. J., Supvr.
930—Bray, S. H., Rd. For. Eng.
693a-Brayton, C.S., Rd. For. Eng.
1001a-Brayton, W. L. Brdg. Eng.
137b-Brazeau, E., Rd. Mast.
693a, 693b-Brazier. F. W., Asst. to Gen. Supt. Rolling Stock.
872b-Breaker, E. R., Supt. M. P.
563—Brean, L. F., Rd. Mast.
1598—Breaux, J. K., Dist. Supt.
344b-Brecht, H. A., Pres.
681b-Brechtel. E. C., Sec., Treas. & Supt.
847—Breckenfeld, J. C., Shop Supvr.
428—Breckenridge, B. T., Asst. G. F. A.
1070—Breckheimer, H. N., G.F.& P. A.
194—Breckinridge, R., Traf. Mgr.
881—Breece, G. E., V.-Pres.
195—Breed, C.W., Eng. Standards
139—Breen. F.M., Supt. S.D.P.C. & News Serv.
539—Breen, J.E., Asst. to Ch. Eng.
666—Breene, J. G., Str. Kpr.
207—Breheny, J. J., Div. Supt.
428—Breidenstein, J.R., Frt. Clm. Agt.
322c-Breland, A.N., Frt. Clm. Adj
195—Bremerman, D. H., Asst. to V.-Pres.
1861—Bremner, G. H., Treas.
616—Bremner, W. H., Recr.
751—Brenaman. H. A., Asst. Wks. Mgr.
751c-Brenaman, S. H., Supvr.
600a-Brendel, W. W., Supt.
598—Brengle, C. U., Dist. Supt.
186—Brenn. E. T., Fuel Supvr.
58b-Brennan, C. E., Asst. Str. Kpr.
198—Brennan, E. J., Supt. M. P.
693a-Brennan, J. C., Rd. For. Eng.
930—Brennan, J. D., Asst. Div. Supt.
693a-Brennan, J. G., Eng. Grade Cross.
350, 847—Brennan, J.H., Supt. Tel.
274—Brennan, J. J., M. M.
139b-Brennan, J. R., Rd. Mast.
142—Brennan, M. C., Pur. Agt.
1001b-Brennan, P., Rd. Mast.
195b-Brennan, P. H., Rd. Mast.
123—Brennan, T. F., V.-Pres.
539—Brennan, T.P., Supvr. Safety
693b-Brenner, W., Rd. For. Eng.
58—Brent, D. K., Gen. Atty.
1001c-Brentnall, S. A., Gen. Fire, Scales & Sanitary Insp.
1528—Bresnan, T. C., Traf. Mgr.
1001b-Bressel, W. H., M. M.
469—Breton, G., Aud.
931a-Bretschneider, W., Div. Eng.
47—Brett, C. M., Rd. Mast.
700—Brett, F. J., Asst. Treas.
696—Brett. H. H., Asst. Eng. of Cons.
137g-Brett, W. J., Car For.
716—Bretz, R.T., Asst. G.F.&P.A.
159—Bretz, S. S., Asst. G. F. A.
1824—Breuer, L. H., Gen. Coun.
428—Brevart, B. P., Asst. Eng.
528—Brewer, C. M., Sec.
757—Brewer, G., Loco. For.
955—Brewer, H. L., Aud.
123—Brewer. H. W., Supt. Shops.
198—Brewer, J. W., Supt. Shops.
55—Brewer, L. Rd. Mast.
1001b-Brewer, L., Str. Kpr.
1021—Brewer, O., Asst. Sec.
137a-Brewer, T. M., Car For.
7a-Brewer, W., Sec.
240—Brewer, W. C., Ch. Surg.
40c-Brewer, W. H., Asst. to G.M
186—Brewster, E. J., Gen. For.
927b-Breyer, J. S., M. M.
176—Briant, J. F., Div. Supt.
670—Bribiesca, A. M., Div. Supt.
584—Brice, W. E., V.-Pres.
1833—Bricker, J. W., Atty.
294—Brickley, M.H., Supt. Const. & Maint. Tele. & Telo. Lines
428—Bridenbaugh, H. G., Trav. Eng.
139—Bridger, E. H., Aud.
305—Bridgers, H.C., Pres. & Treas.
809—Bridges, J. J., Rd. Mast.
40a-Bridges, N., Rd. Mast.
425—Bridges, R.D., Eng. M.W.&S
886—Bridges, Y. S., Gen. For. Loco. Dept.
930—Bridgman, E. M., Asst. Frt. Clm. Agt.
198—Brien, L. H., Trk. Supvr.
137b-Brigg, C., Supvr. Water Serv
1051—Briggs, E., Asst. to Gen. Traf. Mgr.
693, 693c—Briggs, F. E., Aud.
137c-Briggs, G., C. Eng. Bldgs.
751b-Briggs, W., Supt. Police.
931a-Briggs, W. E., Asst. G.F. & P. A.
596a-Briggs, W. P., Gen. Mgr.
381a-Briggs, W. W., V.-Pres. & Gen. Mgr.
751b-Briggs, Z. M., Asst. Eng.
97—Brigham, D. S., Asst. Gen. Mgr.
1561—Brigham, H. H., Pres.
751b-Brigham, H.R., Rd. For. Eng

8—Bright, L. V., V.-Pres.
108—Bright, M., Asst. Sec.
176—Brightwell, C. E., Supvr. Water Supply.
176—Brightwell, H. A., Gen. For.
176—Brightwell, J. L., Supvr. of Trk.
137a—Brignell, J. G. A., Rnd. Hse. For.
40c—Brill, H. E., Gen. For. Paint.
438—Brill, W. H., G. P. A.
629—Brimm, R. A., Supt.
229—Brine, F. M., Aud.
693b—Briney, W. J., Asst. Supvr. Sig.
696—Brink, H. E., Asst. Eng. Constr.
40—Brinker, J., Mgr. Exp. & Mail
847—Brinkman, A. W., Gen. For.
693a—Brinkworth, J. J., Asst. Supt
751a—Brinser, C. E., Div. Supt.
500—Brinsmade, H. N., V-Pres.
500—Brinsmade, P. S., Sec. & Asst. Treas.
47—Brinson, M. C., Asst. Str. Kpr.
176—Brinton, E. R., Asst. Gen. Str. Kpr.
1838—Brisbine, D. E., Comr.
572a, 1696—Briscoe, H. A., Gen. Mgr., Traf. Mgr.
40b—Briscoe, J. B., Div. Supt.
723—Briscoe, M. P., Rd. Mast.
729—Briscoe, R. L., V.-Pres.
1023—Briscoe, S. M., Ch. Surg.
434, 692x, 771—Brister, C. J., Asst. V.-Pres.
805—Brister, W. C., Gen. Clm. Agt.
1865—Brister, W. C., V.-Pres.
428—Bristol, B. D., Asst. Compt
406—Bristol, C. H., Asst. Gen. Mgr
198—Bristow, G., Asst. G. P. A.
58a—Britt, C. B., Asst. Str. Kpr.
1021—Britt, D., Rd. For. Eng.
139—Britt, T., Gen. Fuel Agt.
68b—Britt, T. E., Str. Kpr.
1001a—Brittain, I. M., Rd. Mast.
629—Brittingham, E., Div. Str. Kpr.
886—Brittingham, S. R., Asst. Gen. Solr.
1229—Britton, A. G., Traf. Mgr.
693b—Britton, H. H., Supvr. Track.
229—Britton, H. W., Trav. Str. Kpr.
1020c—Britton, J. C., Str. Kpr.
751c—Britton, J. H., Supvr.
58b—Britton, J. P., Asst. Rd. For. Eng.
7b—Britton, L. C., Gen. Mgr.
751a—Broadbent, J. H., Insp. Sig.
137a—Broadhead, S. G., Loco. For.
452—Broadhead, W. A., Treas.
517, 721, 736—Broadway, F. C., Traf. Mgr.
937a—Broady, G. A., Rd. For. Eng.
685b—Brock, E. C., Supt. Equip.
137c—Brock, E. H., Rd. Mast.
186—Brock, G., Gen. For. Car Dept.
395a—Brock, G. P., Asst. Gen. Mgr.
751b—Brock, J., For. Car Shops.
128—Brock, W. C., V.-Pres.
7a—Brockington, G. A., Sec.
937a—Brockman, M. R., Gen. For.
1622—Brockway, G. P., Pres.
666—Brodbeck, C. H., Div. Eng.
137c—Broderick, E., R. W. Agt.
600, 984—Broderick, H. J., Aud.
58—Broderick, J. T., Supt. Saf.
693a—Brodhead, C. K., Asst. Supt.
1848—Brodie, H. C., Comr.
139—Brodie, H. W., Asst. Pass. Traf. Mgr.
693b—Brogan, E. V., Div. Supt.
275—Brogan, J. P., Asst. M. C. B.
47—Brogden, C. E., M. M.
1827—Broili, F. O., Eng.
159—Brokaw, J. E., Asst. Compt.
693b—Broker, G. M., Rd. For. Eng.
996—Brome, H. A., Gen. Mgr.
600—Bromley, O. R., Frt. Traf. Mgr.
693—Bromm, R. C., Asst. Aud.
986f, 600—Bronner, E. D., Pres., V.-Pres.
137g—Bronson, G. W., Car For.
693a—Bronson, M., Div. Supt.
176, 413—Bronson, W. S., Gen. Atty. & Coun., Gen. Atty.
204b—Brook, C. E., Div. M. M.
139—Brook, H., Div. Str. Kpr.
413—Brooke, G. D., Asst. to V.-Pres
176—Brooke, R., Spec. Eng.
847—Brooke, W. H., Gen. For. B. & B. & W. S.
1001b—Brookhart, N. D., Supvr. B. & B.
847—Brooking, J. H., Div. Eng.
1820—Brooks, A., Asst. Sec.
157—Brooks, A. E., For. Mach. Shops.
1001b—Brooks, C. E., Supt.
137—Brooks, C. E., Ch. M. P.
949—Brooks, D. P., Ch. Eng.
757—Brooks, F., Boil. For.
207—Brooks, F. S., Gen. Live Stk Agt.
207—Brooks, G. E., Mast. Carp.
206—Brooks, H., Asst. Treas.
549—Brooks, H. M., Supvr. B. & B.
931a—Brooks, J. B., Asst. G. F. A.
563—Brooks, J. H., Rd. Mast.
139d—Brooks, J. H., Div. M. M.
176—Brooks, J. R., Supvr. Loco. & Tr. Supplies.
439—Brooks, J. T. L., Supt.
751a—Brooks, M. S., Asst. Supt. Rest. Serv.
607—Brooks, P. E., Mech. Eng.
1001b—Brooks, R. E., Supt.
927a—Brooks, S. S., Supt.
549—Brooks, T. E., Gen. Mgr.
140a, 581—Brooks, W. B., Pres., V.-Pres.
629—Brooks, W. E., Gen. Supt.
622—Brooks, W. F., Treas.
157—Brooks, W. H., Supvr. B. & B.
549—Brooks, W. T., Supvr.
549—Broome, J. H., Supvr.
1888, 1081—Broome, J. W., Sec. & Asst. Treas., Asst. Sec.
1004—Broome, Theophilus, Sec.
628a—Broomball, E. F., Aud.
1857—Brophy, G. O., 1 V.-Pres.
275—Brophy, M. A., Rd. For. Eng.
964—Brosius, C. W., G. F. A.
1415—Brosnahan, J. T., Traf. Mgr.
428—Brosnahan, T., Supvr.
229—Brossart, J. A., Supt. Shops.
306—Brotherton, F. E., Aud.
671—Broughal, J. E., Sec. & Treas.
623b—Broun, O. T., Aud. & Pur. Agt
632—Broun, W. M., Asst. Treas.
931—Broussard, G. O., Rd. Mast.
137b—Brousseau, L., Dist. Eng.
210, 430—Browder, C. H., Sec.
41—Browder, Jr., F. G., Asst. G. F. A.
42—Brower, C. E., Gen. Supt. Trans.
997b—Brower, F. L., Gen. For.
751b—Brower, J. E., M. M.
139g—Brown, A., Asst. Supt. & Div. M. M.
751—Brown, A. A., G. B. A.
751a—Brown, A. E., Supvr. Tel. & Sig.
195b—Brown, A. L., Gen. For.
134, 716—Brown, A. V., Pres., Gen. Mgr.
927—Brown, B. G., Frt. Traf. Mgr.
861—Brown, B. L., Ch. Eng.
456—Brown, B. M., Supt.
931, 931a—Brown, B. M., Ch. Asst. Supt. M. P. & Equip.
1650—Brown, B. M., Asst. Treas.
696—Brown, B. O., Asst. Supvr. Car Insp.
751—Brown, B. S., Asst. Mech. Eng.
629—Brown, C., Supvr. Water Serv.
692x—Brown, C., Gen. Solr.
195a—Brown, C. A., Rd. For. Loco.
137—Brown, C. B., Ch. Eng.
739a—Brown, C. E., Rd. Mast.
879—Brown, C. E. V.-Pres., Pur. Agt. & Gen. Mgr.
751a—Brown, C. G., Asst. M. M.
137c—Brown, C. H., Asst. Supt.
522—Brown, C. J., Supt.
248a—Brown, C. L., V.-Pres.
137a—Brown, C. M., Aud.
508—Brown, C. P., Sec. & Supt.
382—Brown, C. S., Car For.
769—Brown, C. T., Asst. Traf. Mgr
521—Brown, C. W., Supt.
139—Brown, D., Supt. Steamers.
596, 790—Brown, D. C., Pres., V.-Pres.
1076—Brown, D. T., M. M.
940—Brown, E., Supt.
394a—Brown, E. B., Gen. For. B. & B
137b—Brown, E. H., Str. Kpr.
716—Brown, E. H., Supvr. B. & B.
751—Brown, E. H., Asst. Sec.
195a—Brown, E. J., Asst. Rd. Mast.
757, 847—Brown, E. N., Chman.
693b—Brown, E. W., Div. Supt.
428—Brown, E. W., Rd. Mast.
218a—Brown, F. B., Gen. Aud
428—Brown, F. C., Sig. Insp.
887—Brown, F. E., Gen. Clm. Agt.
1828—Brown, F. H., Comr.
771—Brown, F. M., Supt.
927a—Brown, F. M., Trk. Supvr.
58b—Brown, F. M., Asst. Str. Kpr.
329—Brown, F. S., Mech. Eng.
47—Brown, F. W., Asst. to Gen. Mgr.
137a—Brown, G., Str. Kpr.
274—Brown, G., M. M.

1849—Brown, G. A., Asst. Ch Traf. Officer.
432—Brown, G. B., Asst. Elec. Supt
751a—Brown, G. H., Asst. Ch. Eng. M. W.
248a—Brown, G. M., Supt. & Pur Agt.
139—Brown, G. McL., European Gen. Mgr.
283—Brown, G. R., Pur. Agt.
867—Brown, H., Sec. & Treas.
1598—Brown, H. A., Asst. Treas.
229c—Brown, H. A., Rd. Mast.
133—Brown, H. A., Supt.
195a—Brown, H. D., Div. Supt.
696—Brown, H. F., Asst. Elec. Eng.
382—Brown, H. H., Asst. Frt. Traf. Mgr.
324—Brown, H. J., Sec.
342—Brown, H. M., Spec. Asst. to V.-Pres.
866—Brown, H. O., Ch. Eng.
176—Brown, H. T., Div Supt.
40a—Brown, I. L., Gen. For. B. & B.
62—Brown, J., V.-Pres.
549—Brown, J. A., Supvr. B. & B. & W. S.
394a, 420, 439—Brown, J. A., Frt. Traf. Mgr., G. F. A., Frt. Traf. Mgr.
137c—Brown, J. A. M., Rd. Mast.
868—Brown, J. A., Aud.
274—Brown, J. C., Brdgs. & Bldg. Mast.
322b—Brown, J. D., Gen. Agt. Pass. Dept.
860—Brown, J. E., Asst. Supt. M. P
930—Brown, J. F., Div. Str. Kpr.
497—Brown, J. G., Pres.
79, 191—Brown, J. H., Traf. Mgr.
137b—Brown, J. H., Dist. Str. Kpr.
40a—Brown, J. H., Rd., Mast.
693a—Brown, J. K. D., Asst. Supt.
204—Brown, J. L., Supt. Trans.
207—Brown, J. M., Asst. to V.-Pres.
648a—Brown, J. M., V.-Pres.
994, 1273—Brown, J. P., Traf. Mgr.
521—Brown, J. R., Car Acct.
635—Brown, J. S., Asst. Sec. & Asst. Treas.
693b—Brown, J. S., Supvr. Safety Appli.
927a—Brown, J. S., For. Paint.
1835—Brown, J. W., Comr.
40—Brown, L., Sr. Asst. Sig Eng.
440—Brown, L. M., Gen. Supt.
1001d—Brown, L. M., Asst. G. F. A.
716—Brown, M. F., Fuel Supvr.
1001b—Brown, M. H., Supt. Tel.
1438a—Brown, M. H., Frt. Clm. Agt.
195a—Brown, M. J., Div. M. M.
1694a—Brown, M. N., Traf. Mgr.
681—Brown, N. A., Gen. Solr.
354b—Brown, N. H., Gen. Live Stock Agt.
115—Brown, N. J., Str. Kpr.
666—Brown, N. M., B. & B. Supvr.
24, 1021—Brown, N. S., V.-Pres. & Gen. Solr.
97—Brown, O. J., Supt. Fuel Serv.
489—Brown, O. J., Supt.
842—Brown, R. A., Gen. Atty.
40c—Brown, R. D., Rd. Mast.
47—Brown, R. E., Gen. For.

182, 395a—Brown, R. F., Asst. Sec., Sec.
927a—Brown, R. J., Asst. G. F. A.
870—Brown, R. K., Supt.
137c—Brown, R. M., Asst. Supt.
693a—Brown, R. M., Asst. Supt. M. P.
58a—Brown, R. W., Gen. Supt.
82—Brown, R. W., Ch. Surg.
432, 861—Brown, S., V.-Pres. & Sec., Sec.
779a—Brown, S. H., Sec. & Asst. Treas.
600—Brown, S. W., Asst. to Gen. Mgr.
137b—Brown, T., Rd. Mast.
1824—Brown, T. J., Chman
705—Brown, T. L., Gen. For.
207—Brown, T. W., Rd. Mast.
933a—Brown, W., Rd. Mast.
808—Brown, W., Ship. & Frt. Agt.
137c—Brown, W. A., Gen. Supt.
439—Brown, W. A., Asst. G. F. A.
927a—Brown, W. B., Asst. Eng. Maint.
137g—Brown, W. C., Gen. Eng. Hse. For.
628b—Brown, W. C., Off. Eng.
648a—Brown, W. C., V.-Pres.
927b—Brown, W. C., Sig. Supvr.
34—Brown, W. E., V.-Pres.
248a—Brown, W. E., Pres. Treas. & Gen. Mgr
751b—Brown, W. E., Asst. Ch. Eng. M. W.
1001c—Brown, W. E., Dist. Str. Kpr.
97—Brown, W. G., Div. Car For.
693a—Brown, W. G., Ch. Gen. Insp.
342—Brown, W. G., Eng. M. W.
58b—Brown, W. G., G. P. A.
808—Brown, W. H., Supvr.
349—Brown, W. J., Rd. Mast.
137—Brown, W. L., Aud.
97—Brown, W. W., Asst. Supt. Shops.
628a—Brown, W. W., Gen. Atty.
961—Brown, W. Y., Supt. C. S.
574—Browne, A. L., Traf. Mgr.
936—Browne, B., Sec. & Compt.
1891—Browne, B., Pres.
1829—Browne, C., Comr.
886—Browne, C. S., Rd. Mast.
1556a—Browne, H. A., Traf. Mgr.
186, 209—Browne, H. D., Eng. Tests.
1020c—Browne, I. A., Asst. Treas.
629—Browne, J. C., Supt. Tel.
354b—Browne, J. L., Pres.
47—Browne, O. L., Asst. to Pur. Agt.
1896—Browne, T. A., Chman.
737d—Brownell, E. W., Compt.
322—Brownell, G. F., V.-Pres. & Gen. Coun.
204a—Brownell, H. E., Gen. For. Fdy.
949—Brownell, R. G., Sec.
137g—Browning, C. H., Gen. Boil. For.
58a—Browning, F. R., Rd. For. Eng.
1009a—Browning, M. A., V.-Pres.
751b—Browning, P., For. Loco. Rep.
11a—Brownlee, J. E., Pres.

40b—Brozo, J. W., Div. Eng.
287—Brubaker, G. R., Sec. & Treas.
1313—Bruce, C. B., Gen. Supt.
719a—Bruce, C. F., Sec. & Treas.
716—Bruce, J., M. M.
382—Bruce, J. F., Car For.
482—Bruce, L. C., Traf. Mgr.
629—Bruce, R. J., Gen. Supvr. B. & B.
719a—Bruce, R. P., Pres.
1501—Bruce, S. S., Traf. Mgr.
41—Bruce, W. H., Sec. & Treas.
666, 737h—Bruce, W. P., V.-Pres. & Gen. Mgr.
705—Bruch, G. E., Asst. to Gen. Mgr.
1039—Bruck, H. A., R. E. & Tax Agt.
974, 1040—Bruen, W. G., Sec.
927a—Bruffy, J. T., Trk. Supvr.
1051—Bruggeman, H. J., Gen. For
612—Bruin, W., M. M.
705—Brumfield, J. R. Rd. Mast.
429, 1861—Brumley, D. J., Ch. Eng., V.-Pres.
600—Brunck, E. W., G. F. A.
204—Brundage, E. J., Recr.
322a—Brundage, J. N., Frt. Clm. Adj.
1803—Brundige, H. W., Comr.
40a—Brunelle, C. R., Div. Fuel Supvr.
705—Bruner, A., Asst. Eng.
47—Bruner, G. E., Rd. Mast.
1001b—Bruner, H., Frt Claim Agt.
505—Bruner, J. J., Traf. Mgr.
47—Bruner, W. C., Rd. Mast.
180—Bruning, A. C., Rd. For. Eng.
469—Brunk, J. D., Rd. Mast.
1824—Brunk, L., Sec.
771—Brunner, W. F., Asst. Sec.
27—Brunson, A. F., M. M.
1598—Brunswick, W. A. S., Dist. Supt.
279—Brunton, J. W., Supt. Tel.
847—Bruton, O. W., Supt. Term.
1407a—Bryan, B. M., Traf. Mgr.
1213—Bryan, F. C., Gen. Traf. Mgr
58a—Bryan, G. M., Supvr.
426—Bryan, G. W., G. F. A.
716—Bryan, J. A., Rd. Mast.
40b—Bryan, R. D., Gen. For.
886—Bryan, S. A., Rd. Mast.
394a—Bryan, W. P., Asst. Supt. Trans.
867—Bryant, A. D., Gen. Mgr.
176—Bryant, C. T., Gen. For.
229—Bryant, C. T., Asst. Div. Eng.
275—Bryant, E. B., Rnd. Hse. For.
200—Bryant, F. J., Rd. For. Eng
629—Bryant, H., Insp. Water Serv.
1—Bryant, J. A., Gen Supt.
198—Bryant, J. A., Track Supvr
37—Bryant, J. M., Sec., Treas., Aud. & Gen. Mgr.
381b—Bryant, O. P., Aud. & Car Acct.
927—Bryant, R. C., Locat. Eng.
930—Bryant, R. M., Asst. Div. Eng.
137c—Bryant, S. W., M. M.
815—Bryant, W. T., Rd. For. Eng.
1598—Bryce, J., Dist. Supt.
137—Bryce, W. H., Mgr. Money Order Dept.

139e—Bryneison, C., Rd. Mast.
886—Bryson, H. L., Mast. Carp.
628a, 628b—Bryson, J. M., Gen. Coun.
549—Bryson, R. A., Rd. Mast.
751a—Bubb, C. L., Gen. Air Brk. Insp.
1850k—Buch, C. A., Sec. Car Serv. Div
751a—Buchanan, A.E., Asst. G.P.A
552—Buchanan, C. H., V.-Pres., Gen. Mgr., Aud. & G.F.A.
1605a—Buchanan, E. F., Traf. Mgr.
904b—Buchanan, F. Trav. Eng.
751—Buchanan, F. H., Asst. Ch. Sig. Eng.
311—Buchanan, G. A., Supt.
545—Buchanan, J. A., V.-Pres. & Sec.
693b—Buchanan, J. P., Sig. Insp.
545—Buchanan, W. J., Pres.
930—Buchenery, H.P., Div. Str. Kpr.
693c—Bucher, C. V., Prin. Asst. Eng.
436—Bucher, H., Mgr. Rys.
1598—Bucher, W. H., Dist. Supt.
392b—Bucholtz, C., Div. Supt.
40a—Buck, C. M., Div. Eng.
751a—Buck, E. R., Asst. M. M.
930—Buck, G. M., Asst. Coun.
1021—Buck, J. A., Supvr.
539—Buck, W. L. Asst. Sig. Supvr.
629—Buckalew, L.D., Rd. For. Eng
229—Buckbee, E. J., Div. M.M.
751a—Buckelew, J., Div. Supt.
306d—Buckham, T. R., Gen. Ind. Agt.
355b—Buckingham, A.H., Aud. & Supt.
628a—Buckingham, C. L., Eng Tests.
432—Buckingham, G. T., Gen. Coun.
234—Buckingham, J. E., G. F. & A.
696—Buckingham, N. S., Asst. Gen. Coun.
695d, 696—Buckland, E. G., Pres., V.-Pres.
796a—Buckland, J. M., Pres. & Treas.
428—Buckles, W. P., Trav. Eng.
1001c—Buckley, A., Supt.
523—Buckley, C., Asst. Rd. For. Eng.
207—Buckley, F. D., Gen. For. Loco. Dept.
927a—Buckley, G. E., Eng. M. W.
97—Buckley, J. E., Supvr. B. & B.
927b—Buckley, S. J., Asst. Eng. Maint.
472—Buckley, S. S., Asst. Eng.
600—Buckley, T. L., Rd. Mast.
298—Bucklin, C. F., Str. Kpr.
137c—Buckman, E. E., B. & B. Mast.
195a—Bucknell, W. F., Mast. Carp
899—Buckner, E., Supt.
1005a—Buckner, M. L., V.-Pres. & Gen. Mgr.
194, 204c, 209b—Budd, B. I., Pres.
382, 1850—Budd, R., Pres., Memb. Com. on Nom.
927a—Buddin, G. R., Supt. Trans.
693a—Budds, J., Gen. For. Loco. Dept.
209—Budge, G. A., Trav. Eng.
815—Budwell, L., Mech. Eng.
705—Budwell, W., M. M.
472—Buechner, W. G., Aud.
737—Buel, J., Rd. Mast.
342—Buell, R. H., Asst. Eng.
1007—Buffell, A., Dir. Gen.
471—Buffe, F. G., Gen. Mgr.
549—Buffington, J. T., Supvr.
1010—Buffington, W. J., Gen. Supt. & Traf. Mgr.
528—Buffum, H. A., Treas.
204a—Buford, C. H. Asst. Gen. Mgr
42—Bugg, B. L., Recr.
619—Buhlman, E. H., Div. Supt.
693c—Buhrer, E. C., Supvr.
629—Buhrman, P. B., Fuel Insp.
40—Bukey, B. M., Asst. G. P. A.
616—Bulanek, J. F., For. Rnd. Hse.
311a—Bulgin, E. J., Gen. Aud.
1800—Bull, A. M., Com. Atty.
751a—Bull, F. R., For. Car Shops
186—Bull, G. A., Gen. For. Car Dept.
930, 930a, 931, 931a—Bull, W. F., Asst. Sec.
475—Bullard, E. C., Asst. to Recr.
6—Bullard, R. R., Valua. Eng.
804—Bullen, H., Gen. Supt.
137b—Buller, F. J., Treas.
137b—Buller, L. W., Asst. Supt.
137—Bullett, S. H., Supt.
632—Bulloch, F. M., Supt.
356—Bullock, J. T., Rd. Mast.
903—Bullock, J. T., Sec.
47—Bullock, R. D., Div. Rd. For. Eng.
442—Bulmahn, E. F., V.-Pres., Treas. & Gen. Mgr.
1029a—Bumgarner, S. C., Com. & Clms. Atty.
96—Bump, W. A., Div. Eng.
737e—Bunce, H., Rd. Mast.
243—Bunch, J. H., Traf. Mgr.
527—Bundy, E. A., V.-Pres. & Gen. Supt.
1001a—Bundy, W., Rd. Mast.
207—Bunger, W. O., Gen. Supt. Frt. Clms.
235—Bunker, W. D., Div. Supt.
621, 716—Bunn, C. W., V.-Pres., V.-Pres. & Spec. Counsel.
964—Bunn, H. L., Asst. Eng.
927b—Bunn, W. B., M. M.
847—Bunnell, E. H., Compt.
439—Bunnell, R. H., Asst. Aud.
641—Bunney, W. H., V.-Pres. & Gen. Mgr.
212—Bunola, J. G., Supvr. B. & B.
40b—Bunten, J. M. Gen. For.
751c—Bunting, C. D., Asst. Div. Eng.
428—Bunting, G. J., V.-Pres.
428—Burbank, D. R., Sec.
554—Burbank, A. H., Pur. Agt. & Traf. Mgr.
157—Burch, B. R., Rd. Mast.
428—Burch, C. N., Gen. Solr.
1441—Burch, E. A., Traf. Mgr.
88b—Burch, F. A., Sec. & Treas.
157—Burch, F. N., Asst. M. M.
657—Burch, G. C., Sec.
274—Burch, H. F., Asst. Gen. Mgr.
960a—Burch, L. E., Ch. Surg.
706—Burch, L. R., V.-Pres.
472—Burch, R. L., For. Car Dept.
629—Burch, W. W., Asst. Eng.
182—Burcham, J. H., Ch. Elec.
1623—Burchett, B. J., Traf. Mgr.
176—Burchett, R. J., Supvr. Trk.
927a—Burchfield, C. E., Supt.
751c—Burchiel, E. A., Rd. For. Eng.
186—Burchill, J. A., Eng. Hse. For.
600—Burck, E. J., Supt. Shops.
930—Burckhalter, F. L., 1st Asst. Gen. Mgr.
47—Burden, C. H., Asst. Supt. Din. Cars.
737c—Burdett, C. H., Pres.
229—Burdett, J. L., V.-Pres.
275—Burdette, J. R., Rnd. Hse. For.
176—Burdette, L. D., Supvr. Trk.
58b—Burdge, C. A., Gen. For. Loco. Dept.
438—Burdick, E. G., Gen. Mgr.
804—Burdick, E. J., Gen. Mgr.
1038—Burel, W. C., M. M.
545—Burford, A. L., Gen. Atty.
392a—Burford, L. B., G. F. & P. A.
628a—Burg, C. S., Gen. Atty.
137c—Burg, H. E., Asst. to Ch. Eng.
229—Burgee, H. J., Asst. G. F. A.
751c—Burger, C. O., Supvr. Sta. & Trans.
716—Burgess, C. H., Rd. Mast.
523—Burgess, E. H., Asst. Gen. Solr.
1925a—Burgess, F. A., V.-Chman.
739—Burgess, H. V., Pres.
137c—Burgess, J. W., Loco. For.
195—Burgess, K. F., Gen. Solr.
873—Burgess, T. A., Supt.
58a—Burgess, T. B., Supvr. Loco. Oper.
930—Burgess, W. H., Supvr. B. & B.
150a—Burgess, W. P., Treas.
182—Burgett, G. A., Sec.
392c—Burgin, A., Supvr.
964—Burgett, L. E., Dist. Rd. Mast.
392c—Burgin, J. A., Sig. Supvr.
930—Burke, A. F., M. M.
229—Burke, A. P., Treas.
58a—Burke, C. W., Gen. For. Loco. Dept.
549—Burke, C. W., Supvr.
930—Burke, D., Supvr. B. & B.
1020—Burke, D. T., M. C. B.
930—Burke, E., Matl. Sales Agt.
1598—Burke, E. P., G. P. A.
1345, 1461—Burke, F. E., Traf. Mgr.
964—Burke, F. J., Land & Ind. Comr.
198—Burke, F. L., Car For.
327b—Burke, G. W., M. M.
180—Burke, J. E., For. Loco. Rep.
58b—Burke, J. M., Gen. For. Car Dept.
139b—Burke, J. M., Div. M. M.
886—Burke, J. M., Ch Surg.
616—Burke, L., M. C. B.
693a—Burke, M. D., Asst. Sig Supvr.
523—Burke, P., Supvr.
195a—Burke, P. H., Rd. Mast.
204c—Burke, W. H., Div. Supt.

207—Burke, W.T., Div. Str. Kpr.
305b-Burker, W. J., Sec.
229—Burkett, R. H., Div. Sig. Insp.
58a-Burkett, W. H., Gen. For. Loco. Dept.
693a-Burkhard, A., Div. Gen. For. Car Dept.
1811—Burkhardt, W., Comr.
773—Burkhart, H., For. Paint.
629—Burkhart, R. G., Asst. Eng.
927a-Burkhelmer, H. W., Gen. For
180—Burkholtz, F. W., Div. Str. Kpr.
847—Burkholtz, G. E., Gen. Trav. Boil. Insp.
58a-Burkley, H. J., M. M.
1704—Burleigh, A. F., V.-Pres. & Sec.
123—Burleigh, O. T., Trav. Str. Kpr.
961—Burlingame, C., Supt.
497—Burlingame, P., Treas.
696—Burlingham, E. S., Supvr. Communication.
682—Burmaster, W. N., M. M.
382—Burn, W. M., Statis.
137g-Burnap, R. L., Frt. Traf. Mgr
123—Burnes, J. E., Supt. Car Serv.
130—Burnett, A. C., Sec.
737f-Burnett, C. H., Mgr. R. E. Taxes & Resorts
195—Burnett, C., Asst. Ch. Lumber Insp.
917—Burnett, F. H., Pres.
549—Burnett, I. E., Supvr.
40b-Burnett, J. C., Asst. G.F.A.
1001a-Burnett, J. W., M. M.
28—Burnett, M. S., Gen. For. B. & B.
705—Burnett, O. S., Supvr. Sig.
523—Burnett, P. H., Ind. Comr.
229—Burnett, W. S., Ch. Eng. Const.
636—Burnette, G. H., Ch. Eng.
157—Burney, G. W., Supvr. Trk.
927a-Burney, J. H., Trk. Supvr.
195, 234, 349—Burnham, C. G., Exec. V.-Pres.
716—Burnham, H. G., Eng. Tests
716—Burnham, J. L., Asst. G.F.A.
382—Burnham, P. H., G.F.A. Sec.
847—Burnie, R. H., Asst. Supt. Frt. Loss & Damage Clms.
24a-Burns, C. H., Aud. & Asst. Sec.
696—Burns, E. B., Div. Str. Kpr.
693a-Burns, G. F., Rd. For. Eng.
97—Burns, H. B., Str. Kpr.
504a-Burns, H. O., Gen. For.
62—Burns, H. P., Gen. Aud.
139—Burns, J., Wks. Mgr.
625—Burns, J. E., Supt.
549—Burns, J. F., Asst. Eng. M. W.
186—Burns, J. J., Asst. Div. Supt.
58b-Burns, J. J., Gen. For. Loco. Dept.
886—Burns, L. B., Asst. to V.-Pres.
600—Burns, M., Rd. Mast.
204b-Burns, P., Rd. Mast.
195b-Burns, P. F., Gen. For.
751, 1852—Burns, R. C., Asst. Mech. Eng., Pres.
1478a-Burns, R. D., Traf. Mgr.
600—Burns, R. E., Rd. For. Eng.
751b-Burns, T. F., For. Car Rep.
137c-Burns, W., Const. Eng.
180—Burns, W. C., Div. Str. Kpr.
58b-Burns, W. G., Supvr. of Rd.
207—Burns W. H., V.-Pres. & Gen. Aud.
1024—Burns, W. L., M. M.
438a-Burns, W. W., Treas.
628a, 628b-Burnside, R. S., Supvr. Scales.
62—Burpee, M., Ch. Eng.
1849c-Burpee, T. C., Comr.
1598—Burr, A. V., Supt.
696—Burr, C. M., Fuel Supvr.
322—Burr, H. S., Asst. to Mgr. Strs.
847—Burr, M. T., Div. Rd. Mast.
860—Burr, N. B., V.-Pres.
1808—Burr, R. H., Chman.
1701—Burr, W. H., Traf. Mgr.
695a-Burrage, W. H., Div. Eng.
481—Burrell, C. F., Eng. M. W.
596a-Burrell, H., Aud.
842a-Burrell, J. E., Rd. Mast.
751a-Burrell, J. E., Supt. Pass. Trans.
277a-Burrell, O. C., Aud.
751c-Burrell, W. W., Supt. Labor & Wage Bur.
1001b-Burrell, Z. A., M. M.
469—Burris, G. N., Gen. For. Car Dept.
718c-Burris, W. B., Compt.
930—Burroughs, C. R., M. M.
97—Burroughs, R., Div. Eng.
705a-Burrow, J. O., Gen. Str. Kpr.
229—Burrows, C. E., Rd. For. Eng.
176—Burrus, J. H., Air Brk. Insp.
422—Burrus, J. P., Supt.
751c-Burson, H. A., Ch. Air Brake Inst.
204a-Burt, A. L., Asst. Eng.
1928—Burt, C. M., Chman.
428—Burt, C. S., Supt. Ties & Treat.
229—Burt, J. W., Div. Eng.
204a-Burtch, B. V., Asst. Eng.
203, 204—Burtness, T. W., Sec.
455—Burton, C., Pres. & Gen. Supt
570—Burton, E. C., Car Acct.
344—Burton, F., Sec.
716—Burton, F. A., Div. Str. Kpr.
751b-Burton, G. H., Asst. Eng. M. P
692x-Burton, T. L., Air Brk. Eng.
47—Burton, W. B., Gen. For.
629—Burton, W. J., Asst. Valua. Eng.
1638—Burwell, T. C., Traf. Mgr.
137a-Bury, J., Rd. Mast.
549—Busby, H. L., Supvr.
549—Busby, J. E., Supvr.
629—Busby, S. H., Supvr. B. & B.
574—Busch, A. A., Ch. of Board.
1021—Busch, G. W., Div. Str. Kpr.
847—Busch, H. F., Div. Eng.
629—Busch, W. G., Supvr. Weld.
619—Buscher, W. F., M. M.
1826a-Buschman, G. G., Traf. Mgr.
931a-Buse, H. E., Aud.
207—Buseman, G. H., Rd. Mast.
204b-Bush, A. J., Asst. Div. Supt.
204a-Bush, C. A., Asst. Supt. Term.
751b-Bush, C. B., Supvr.
1700—Bush, E. E., Mgr. Maint. & Pur.
125—Bush, I. T., Pres.
549—Bush, L., Supvr.
629—Bush, R. G., Div. Eng.
579b-Bush, R. S., Sec.
334—Bush, S. S., Pres.
1021—Bush, W. H., Drainage Eng.
629—Bushey, S. E., Rd. For. Eng.
475—Bushnell, C. L., Gen. Supt.
382—Bushnell, F. A., Pur. Agt.
980—Busker, G., For. Paint Shops
705—Buskey, C. A., Str. Kpr.
1001c-Buskirk, E. A., Rd. Mast.
479—Bussell, E. L., Gen. Mgr.
599—Bussing, G. H., Gen. Supt.
40b-Buswell, R. J., Rd. For. Eng.
903—Butchart, H. A., G.F. & P.A.
176—Butcher, C. E., Supvr. Trk.
176—Butcher, J. T., Supvr. Trk.
382—Butcher, W. E., Car For.
207—Butler, C. C., Asst. Gen. Boil. Insp.
428—Butler, C. E., Supvr. Pass. Car Serv.
47—Butler, C. M., Fuel Agt.
1065b-Butler, E., Shop For.
96—Butler, F. A., Supt. M. P. & R. S.
304—Butler, F. M., Supt.
176—Butler, F. R., Gen. For.
705—Butler, G. F., G. F. A.
696—Butler, G. G., Supt. Frt. Trans.
585—Butler, H. A., Pres. & Gen. Mgr.
930—Butler, H. A., Asst. Mgr. Din. Cars.
629—Butler, H. H., Asst. G.P.A.
24—Butler, J., M. M.
482—Butler, J. E., Gen. Mgr.
1700—Butler, J. H., Gen. Mgr. Pub. Rel.
180—Butler, J. J., Asst. Supt.
629—Butler, J. L., Div. M. M.
40b-Butler, J. O., Gen. For. B. & B.
137a-Butler, L., Car For.
886—Butler, L., Gen. For. Car Dept
58b-Butler, N. R., Gen. For. Loco. Dept.
137a-Butler, R., Car For.
847—Butler, R. B., Supt.
677—Butler, R. E., Eng. M. W.
192—Butler, R. G., Ch. Eng.
847—Butler, R. G., Supt.,
847—Butler, S. S., Frt. Traf. Mgr.
17—Butler, T. J., Gen. Aud.
1800a-Butler, U., Ch. Exam.
97—Butler, W. A., Str. Kpr.
176—Butler, W. S., Div. Supt.
428—Butridge, J. H., Ch. Sig. Insp.
192—Butt, H. A., Sec. & Aud.
92—Butt, R. L., G. F. A.
382—Buttenoff, E. W., Dist. Rd. Mast.
154—Butterfield, H. B., Supvr.
629—Butterfield, J. S., Landscape Eng.
92, 143, 267, 408—Butterworth, J., A., Pur. Agt.
693b-Button, A. P., Eng. Grade Sep.
773—Button, L. R., Ch. Tarf. Bur.
344—Button, M. F., G. F. A.

195a–Butts, D. J., Gen. For. Loco. Rep.
195a–Butts, F. R., Div. M. M.
1021–Butts, E. E., Gen. For. Car Dept.
696–Buxton, G. W., Asst. Eng. Const.
58a–Buzzard, J. P., Sig. Supvr.
40c–Buzzell, O. D., Asst. Supt. Shops.
139g–Bye, E., Rd. Mast.
716, 1860a–Byerley, H. W., Gen. Im. Agt., Sec. & Treas.
24–Byerly, W. F., Rd. For. Eng.
229–Byers, B. C., Supt. Term.
1039–Byers, M. C., Pres.
886–Byers, M. L., Ch. Valua. Com.
466, 1057e–Byers, O. P., Pres., Recr.
186–Bylington, F. J., Asst. Gen. Supt.
1896–Bylsma, J. M., Sec. & Treas.
25–Bynum, D. H., M. M.
203, 204, 1850–Byram, H. E., Pres. Director. Exec. Comm.
847–Byrd, C., Div. Rd. Mast.
927a–Byrd, E. L., Trk. Supvr.
549–Byrd, J. A., Supvr.
629–Byrd, L. G., Supvr. B. & B.
325–Byrd, W., M. M.
751c–Byrkitt, W. H., Supvr.
186–Byrne, J. C., Asst. Dist. M. C. B.
275–Byrne, J. J., Frt. Traf. Mgr.
7–Byrne, P. C., V.-Pres. & Gen. Mgr.
97–Byrne, W. J., Tr. Supv.
751b–Byron, A. W., M. M.
549–Bywater, J. A., Forn. Frt. Agt.
927a–Bywaters, T. R., Trk. Supvr

C

394a–Cabeen, T. W., Trans. Asst.
195b–Cable, J. E., Rd. Mast.
670–Cabral, E., Frt. Agt.
670–Cabrera, M., V.-Pres. & Gen. Mgr.
298–Cadarette, N., Div. Eng.
137g–Caddis, J., Car For.
198–Cade, W. C., Gen. For.
1897–Cade, Jr., W. E., Sec.
1280a–Cadieux, C. E., Traf. Mgr.
186–Cady, S. H., Gen. Solr.
24a–Cady, W. M., Pres.
1040–Caffery, E. M., Rd. For. Eng.
585–Caffrey, J., Supt.
58a–Cage, C. A., Gen. For. Loco. Dept.
470–Cage, D. C., Rd. Mast.
470–Cage, E. C., Supt. B. & B.
151–Cagle, G. N., For. Mach. Shops.
771–Cagney, M. J., Supvr.
697–Cagwin, F. L., Rd. Mast.
234–Cahill, J., Rd. Mast.
42–Cahill, J. S., Asst. Eng.
884, 886–Cahill, M. H., V.-Pres.
629–Cahill, R. E., Div. Eng.
989b–Cahill, W. W., Supt.
472–Calleff, W. D., Trav. Boil. Insp.
1851–Cain, B. B., V.-Pres. & Gen. Coun.
757–Cain, E. E., Asst. to Pres. & Gen. Mgr.
549–Cain, G., Supvr.
751–Cain, H. E., Ch. Clm. Agt.
1851a–Cain, J. W., Mgr. Pur.
241a–Cain, W. A., Traf. Mgr. & Clm. Agt.
979a–Cainon, C. J., Gen. Mgr.
724–Cairl, C. G., Rd. Mast.
186–Cairns, C. A., Pass. Traf. Mgr.
137c–Cairns, P., Rd. Mast.
97–Cairns, W., Sig. Supvr.
498–Cairns, W. L., G. F. & P. A.
751b–Calaway, G. R., For. Car Shops.
176–Calcutt, H. S., Supt. Din. Cars
139–Calder, A. B., Spec. Rep.
58a–Calder, W. W., Dist. M. C. B.
1832–Calderhead, J. H., Sec.
1843–Calderhead, O. C., Supvr. Trans.
930–Caldwell, C. C., Supt. Woodwork Mill.
222–Caldwell, C. M., V.-Pres.
204a–Caldwell, J., Asst. G. F. A.
186, 209–Caldwell, J. D., Sec. & Asst. Treas., Sec.
751a–Caldwell, J. J., Mast. Carp
200–Caldwell, J. M., Supt. B. & B.
481–Caldwell, R. V., Car Acct.
751b–Caldwell, S., For. Car Shops
629–Caldwell, W. R., Div. Str. Kpr.
847–Cale, E. A., Rd. For. Equip.
176–Cales, E. L., Supvr. Wat. Sup.
693a–Caley, G. W., M. M.
697–Caley, G. H., Elec. & Sig. Eng.
1894–Calfee, D. F., Comr.
471a, 962–Calhoun, A. M., V.-Pres. & Asst. to Pres., Asst. to Pres.
333–Calhoun, E. B., G. F. & P. A
40b–Calhoun, F. B., Div. Str. Kpr.
891–Calhoun, J. A., V.-Pres.
619–Calhoun, R. E., Rd. Mast.
629–Calhoun, R. L., Supvr. B. & B.
693a, 1879–Calkins, A. E., Supt. R. S., Pres.
1879–Calkins, C. L., Pres
204b–Calkins, F. J., Asst. G. F. A.
229–Calkins, J. B., G. B. A.
1808–Calkins, J. E., Coun.
693a–Calkins, R. L., Frt. Clm. Agt.
1057–Calkins, Jr., R. M., Sec.
815–Call, D., Asst. Treas.
453–Call, G. H., G. F. & P. A.
815–Call, N., V.-Pres. & Sec.
11a–Callaghan, J., Gen. Mgr.
734a–Callaghan, J. J., Supt.
751b–Callahan, D. E., Supvr.
204a–Callahan, E., Rd. Mast.
1598–Callahan, F. R., Supvr. R. R. Rep.
280–Callahan, G. F., Gen. For.
498–Callahan, H., Supvr. B. & B.
394a–Callahan, J. E., Supt.
97–Callahan, J. J., Chemist.
58–Callahan, P. A., Asst. Eng.
97–Callahan, P. J., Supvr. Car & Loco. Elec. Light.
40c–Callaher, E. F., M. M.
611–Callaway, C. J., Pres.
611–Callaway, T. J., V.-Pres. & Gen. Mgr.
629–Callender, G. T., Div. M. M.
1658a–Callier, E. R., Pres.
176–Calliham, J. J., Rd. For. Eng
176–Calliham, M. E., Insp. Trans.
200–Callison, W. A., Supt. M. P.
757–Calloway, W. J., Div. Str. Kpr.
58–Calloway, W. B., Pass. Traf. Mgr.
771–Calvert, H. W., Gen. For Loco. Dept.
1001–Calvin, E. E., V.-Pres.
7a–Cambias, J. E., Treas.
259–Camden, S. D., V.-Pres.
58a–Camden, W. A., Dist. Elec. Supvr.
354b–Cameron, A. L., G. F. & P. A.
137c–Cameron, A. M., Car For.
632–Cameron, A. R., Aud.
457–Cameron, B., Gen. Mgr. for Recr
428–Cameron, C. C., Asst. Frt. Traf. Mgr.
260, 950–Cameron, C. S., Sec.
195a–Cameron, D., Dist. Eng. M. W.
137a–Cameron, E., Supt. S., D. & Par. Car & Ry. Rest.
137c–Cameron, E. W., Asst. Supt.
71–Cameron, H. O., Pres. & Gen. Mgr.
137g–Cameron, J., Asst. G. F. A.
137c–Cameron, J. L., Asst. Supt.
139g–Cameron, J. M., Gen. Supt.
137c–Cameron, J. R., Asst. Gen. Mgr.
139c–Cameron, J. T., Rd. Mast.
636–Cameron, S., Asst. Supt.
828a–Camp, E. A., V.-Pres.
144a–Camp, J. L., V.-Pres.
144a–Camp, Jr., J. L., Gen. Mgr.
144a–Camp, J. M., Pres.
144a–Camp, P. R., V.-Pres.
692–Camp, T. W., Pres.
1598–Camp, W. M., Supt.
927–Camp, W. S., Asst. Sec.
381–Campbell, A. B., Aud. & Traf. Mgr.
195–Campbell, A. E., Lumber Agt
432–Campbell, A. F., Supvr. Strs.
137c–Campbell, A. G., Str. Kpr.
1236, 1340, 1481–Campbell, A. H., Traf. Mgr.
696–Campbell, B., V.-Pres.
195b–Campbell, B., Rd. Mast.
274–Campbell, B., Rd. For. Eng.
930–Campbell, B. A., Asst. Div. Supt.
821a–Campbell, C. F., V.-Pres.
751c–Campbell, C. H., Asst. Div. Eng.
47–Campbell, C. S., Asst. Gen. Frt. Agt.
288a, 374–Campbell, C. W., Pres. & Gen. Mgr., Gen. Mgr.
698a–Campbell, C. W., Dist. Eng.
886–Campbell, D., Asst. Rd. For. Eng.
137c–Campbell, D., B. & B. Mast.
1849a–Campbell, D. M., Ch. Clerk
137c–Campbell, D. R., Gen. Supt. Const.
137c–Campbell, D. W., M. M.

82—Campbell, E., Asst. G. F. A.
1880—Campbell, E. R., 2 V.-Pres.
382—Campbell, E. R., Car For.
176—Campbell, E. T., Str. Kpr.
204b—Campbell, F. D., Asst. M. C. B.
431—Campbell, F. M., Aud.
325b, 1003—Campbell, G. E., Aud. & G. F. A.
58—Campbell, G. H., Asst. to Pres.
395a—Campbell, H. L., Dist. For.
1009—Campbell, H. L., Treas. & Supt.
382—Campbell, J., Dist. Rd. Mast.
716—Campbell, J. A., Supvr. B. & B.
1800a—Campbell, J. B., Comr.
941—Campbell, J. C., V.-Pres. & Treas.
288a, 374—Campbell, J. E., V.-Pres. & Treas., V.-Pres.
629—Campbell, J. F., Rd. Mast.
1839—Campbell, J. H., Comr.
137b—Campbell, J. H., Car For.
968a—Campbell, J. M., Gen. Supt.
139f—Campbell, J. M., Div. Eng.
547, 547a—Campbell, J. N., Traf. Mgr.
137a—Campbell, L., Rnd. Hse. For.
432—Campbell, L. L., Gen. Aud.
137a—Campbell, M., Car For.
40a—Campbell, M. J., Rd. For. Eng.
439a—Campbell, M. L., Frt. Traf. Mgr. & Supt.
96—Campbell, M. O'B., Clms. Atty.
629—Campbell, N., Rd. Mast.
44—Campbell, N. A., V.-Pres.
159—Campbell, N. G., Asst. Frt. Traf. Mgr.
628a, 628b, 1922—Campbell, O. W., Supt. C. S., Pres.
827—Campbell, P., V.-Pres. & Ch. Oper. Off.
201, 205a—Campbell, P. A., M. M.
186—Campbell, P. G., Div. Supt.
946—Campbell, R., Ch. Eng.
32a, 34—Campbell, R. B., Sec., Gen. Mgr., Sec. & Treas.
808—Campbell, R. C., G. F. A.
369—Campbell, R. C., Term. Mgr.
18, 530—Campbell, R. E., Asst. Aud
941—Campbell, R. M., Gen. Mgr.
314—Campbell, R. W., Gen. Atty.
1834—Campbell, T. K., Chman.
204a—Campbell, W. E., Gen. Car For.
1849—Campbell, W. E., Ch. Traf. Officer.
186—Campbell, W. L., Rd. Mast.
322—Campbell, W. L., Asst. to V.-Pres.
481—Campbell, W. S., Mgr. & Ch. Eng.
440, 1067a—Campbell, W. S., Pur. Agt.
670—Campos, L. F. J., Ch. Surg.
629, 1002—Canada, J. W., Gen Atty., V.-Pres. & Gen. Coun
847—Canady, R. C., Asst. Supt.
1001a—Canavan, M., Rd. Mast.
173, 792—Canby, J. L., Gen. Mgr., Ch. Eng.
696—Candee, E. E., B. & B. Supvr
157—Candler, G. L., Asst. Gen. Mgr.
137c—Candline, J., Car For.
137b—Canfield, G., Loco. For.
1324—Canfield, T. R., Traf. Mgr.
322—Canning, I. A., Supt. Din. Cars.
611a—Cannon, B. A., Treas.
195—Cannon, C. C., Rnd. Hse. For
886—Cannon, C. M., Div. Eng.
886—Cannon, E. L., Div. Eng.
344a—Cannon, H. G., Aud.
629—Cannon, J., Gen. Mgr.
840—Cannon, J. A., Supt.
58a—Cannon, J. C., Term. Rd. For. Eng.
409—Cannon, J F., Compt.
773a—Cannon, T. E., Gen. Supt. Locos. & Equip.
204a—Cannon. W. J., Asst. G. P. A.
546—Cannon, W. M., Pres. & Gen. Coun.
58a—Cannon, W. P., Gen. For. Loco. Dept.
871—Cannon, W. T., Treas.
657a—Cannons, W. A., Sec. & Aud.
927a—Cansler, J. R., Trk. Supvr.
136—Canterbury, W. H., M. M.
523—Cantley, W. I., Mech. Eng.
847—Cantrell, S. T., Asst. to V.-Pres.
547a—Cantrell, W., Ch. Surg.
670—Cantu, S., Div. Supt.
927a—Cantwell, J. L., M. M.
97—Canty, J. P. Div. Eng.
886—Capies, M. J., V.-Pres.
1039—Capper, W. C., Counsel.
560, 884, 886—Capps, C. R., V.-Pres.
716—Capron, L. R., Frt. Traf. Mgr.
1833a—Capshaw, F., Chman.
739a—Caraway, E. B., Rd. For. Eng
751a—Carbine, J. T., Coal Traf. Mgr.
195a, 443—Card, W. A., Gen. Supt., V.-Pres.
137c—Cardell, M. A., Loco. For.
670—Cardenas, J. M., Ch. Asst. Pass. Traf. Mgr.
600—Carder, S. W., Asst. G. F. A
933—Cardle, E. L., Traf. Mgr.
1703—Cardona, J. J., Treas.
670—Cardoso, J., M. M.
47—Cardwell, G. A., Agri. & Ind. Agt.
1649—Carey, A. W., Traf. Mgr.
426—Carey, C. E., Sec. & Treas.
696—Carey, D. P., Div. M. M.
426—Carey, E., V.-Pres.
705—Carey, E. C., Asst. Rd. For. Eng.
137b—Carey, F. F., M. M.
426—Carey, H. J., Pres.
428—Carey, J., Supvr.
705—Carey, J. T., Gen. Supt.
1843—Carey, J. W., Ch. Eng.
1925b—Carey, M. C., V.-Chman.
279—Carey, W. M., Asst. G. F. A.
382—Cargile, C. B., Sig. Off. Eng.
395—Cargile, R. M., Rd. Mast.
499—Cargill, A. S., 1 V.-Pres.
927a—Cargill, J. P., Gen. For.
198—Carland, J. F., Brdg. Supvr.
209—Carle, L., For. Rnd. Hse.
207—Carleton, R. H., Aud.
139a—Carleton, R. V., Div. M. M.
539—Carlile, T. J., Prin. Asst. Eng.
1700—Carlin, G. T., Gen. Mgr.
656, 1050—Carling, C. W., G. F. A.
629—Carlise, J. G., G. F. A.
676—Carlisle, F. B., V.-Pres.
720—Carlisle, F. L., Pres.
676—Carlisle, K. L., V.-Pres. & Treas.
137a—Carlisle, P., Rnd. Hse. For.
693a—Carlisle, R. W., Asst. Sig. Supvr.
676—Carlisle, W. A., Pres. & Gen. Mgr.
329a—Carlough, G., Asst. Mast. Carp.
204a—Carlson, A. F., Rd. Mast.
204a—Carlson, C., Rd. Mast.
297—Carlson, C. E., 1st V-Pres.
209—Carlson, C. G., Rd. Mast.
382—Carlson, E., Asst. Dist. Str. Kpr.
757—Carlson, E. A., Div. Str. Kpr.
716—Carlson, E. H., Asst. M. M.
696—Carlson, E. O., Trk. Supvr.
195b—Carlson, F., Rd. Mast.
234—Carlson, J., Asst. Rd. Mast.
139e—Carlson, P., Rd. Mast.
428—Carlson, P. H., Supvr. B. & B.
135—Carlson, S., Supvr.
380, 607—Carlton, A. E., Pres., Chman.
490—Carlton, B. H., Ch. Surgeon.
927—Carlton, C. B., Aud.
886—Carlton, G. R., Gen. Supt.
142c—Carlton, H. O., V.-Pres., Gen. Mgr. & Treas.
1704—Carlton, N., Pres.
207—Carlton, R. H., Aud.
693a—Carlton, W. G., Supt. Power
137f—Carman, A. B., Loco. For.
1836—Carmichael, G. A., Sec.
696—Carmichael, G. T., Gen. Aud.
931a—Carmichael, R. H., Asst. to Traf. Mgr.
428—Carmichael, R. J., Asst. G. P. A.
693b—Carmicheal, H. D., V.-Pres.
693a—Carmody, J. A., Supt. Elec. Equip.
927a—Carmody, M. M., Supvr. B. & B.
32—Carnahan, R., V.-Pres.
1574—Carner, C. E., Traf. Mgr.
428—Carney, C. J., Asst. Rd. Mast.
58a—Carney, C. T., Supt. Rolling Mill.
700—Carney, G. H., C. S. A.
195a—Carney, J. A., Supt. Shops
58a—Carney, M. A., Rd. For. Eng.
716—Carney, P. J., Rd. Mast.
137b—Caron, A., Supvr. Sig.
58b—Carothers, J. B., Div. Supt.
59—Carothers, M. D., Asst. Eng. Maint.
1009a—Carpenter, A. L., Pur. Agt.
692x—Carpenter, A. W., Asst. Valua. Eng.
279—Carpenter, C. B., Supt.
960a—Carpenter, D. R., Clm. Agt.
1039a—Carpenter, F. D., Pres. & Gen. Mgr.
207—Carpenter, G. H., Rd. Mast.
137g—Carpenter, H., Car For.
139c—Carpenter, H. L., Dist. Elec.

137b–Carpenter, J., Loco, For.
549—Carpenter, J. A., Asst. Supvr. B. & B.
751—Carpenter, L. E., Sig. Eng.
1060b—Carpenter, L.R., Sec. & Mgr
43sa—Carpenter, R. E., Aud. & Pur. Agt.
322a—Carpenter, W.C., Asst. Div. Eng.
342—Carpenter, W. P., Str. Kpr.
927b—Carpet, S. F., Trk. Supvr.
1838—Carr, C. A.. Rate Expert.
59sb—Carr, H. F., Elec. Supt.
229—Carr, C. L., Supvr. B. & B.
1298—Carr, E. L., Traf. Mgr.
159—Carr, E. T. M., Supt.
204b—Carr, G. A. J., Dist. Str. Kpr.
322a—Carr, J., Trk. Supvr.
751c—Carr, T. L., Gen. For. Loco. Rep.
212—Carrera, R., Traf. Mgr.
930—Carrick, H. H., Supt. Shops
1021—Carrick, O. W., Water Eng
1404a—Carrick, S., Traf. Mgr.
815—Carrick, W. C., Gen. Aud.
204—Carrick, W. D., G. B. A.
158zb—Carrier, D. E., Traf. Mgr.
960a, 1918a—Carrier, J. L., Car Serv. Agt., Pres.
523—Carrier, M. M., Asst. Rd. Eng.
882—Carrier, R. M., Pres.
837—Carrigan, J. F., Supt.
137g—Carrigan, L. J., Asst. Gen. Atty.
641—Carrington, L. E., Rd. Mast.
670—Carrion, E., Div. Eng.
8—Carrol, S. H., Rd. Mast.
1001a—Carroll, C. O., Rd. Mast.
1554a—Carroll, E. E., Traf. Mgr.
842a—Carroll, E. M., Traf. Mgr.
1057c—Carroll, F. L., Supt.
545—Carroll, F. S., Treas.
207—Carroll, G. A., Div. Eng.
1447—Carroll, H. J., Traf. Mgr.
186—Carroll, H. R., Div. Str. Kpr.
549—Carroll, J. C., Supvr.
58a, 890—Carroll, Jr., J. H., G. F. A.
653—Carroll, J. J., Traf. Mgr.
191—Carroll, J. J., G. B. A.
389—Carroll, J. M., Trav. Eng.
58—Carroll, J. T., Gen. Supt. M. P. & Equip.
629—Carroll, P., Supt.
58b—Carroll, P. H., Sig. Supvr.
137a—Carroll, T. H., Supvr. Wk. Equip.
1646—Carroll, T. J., Comr.
1704—Carroll, T. W., Gen. Mgr.
137c—Carroll, W., Rd. Mast.
186—Carroll, W. F., Div. Supt.
305a—Carroll, W. S., Pres. & Treas.
1038—Carroll, W. T., Gen. Mgr.
1850a—Carrow, T. H., 1 V.-Chman.
137g—Carruth, J. W., Gen. Eng. Hse. For.
616—Carruthers, J. C., For. Rnd. Hse.
539—Carruthers, L. J., Asst. R. E. Agt. & Asst. Gen. Solr.
1598—Carry, E. F., Pres.
48a—Carse, H. R., Pres.
322b—Carskadden, A. L., Supvr. Loco. Oper.
229—Carsman, A., Div. Sig. Insp.
151a—Carsner, F. L., Aud. & Frt. Clm. Agt.
475—Carson, C. T., Aud.
930—Carson, E. B., G. B. A.
931a—Carson, F. L., Asst. Supt. M. P. & Equip.
229, 755a—Carson, F. W., Rd. For Eng.
357—Carson, G. C., Recr.
751a—Carson, H. M., Gen. Supt.
927a—Carson, M. A., Trk. Supvr.
176—Carson, T. H., Gen. For.
327b—Carson, W. A., 2 V.-Pres.
179a—Carson W. B., V.-Pres.
8—Carstens, E. A., Sec.
137c—Carswell, R., Bell. Insp.
1014—Cartaya, V. M., Traf. Mgr.
159b—Carten, F. J., Dist. Supt.
195a—Carter, A. J., Asst. Div. Supt.
653—Carter, A. L., Pres.
367—Carter, C. H., Str. Kpr.
290—Carter, C. J., Pres.
927a—Carter, Jr., C. K., Jr. Eng. Maint.
891—Carter, C. L., V.-Pres.
716—Carter, C. S., Asct.
847—Carter C. W., Mast. Paint.
886—Carter, C. W., Str. Kpr.
47—Carter, D. H., Rd. Mast.
898—Carter, D. S., Aud.
513a—Carter, E., Aud. & Traf. Mgr.
847—Carter, E., For. Wat. Serv.
847—Carter, E. E., Asst. Supt.
176—Carter, E. L., Gen. For.
1833a—Carter, F., Comr.
183—Carter, F., Aud. & Asst. Treas.
157—Carter, H. G., Rd. Mast.
299—Carter, H. K., Asst. Div Eng.
176—Carter, J. B., For. Car Dept.
931, 931a—Carter, J. E., Asst. G. F. & P. A.
923—Carter, L. S., Treas.
610—Carter, R. E., V.-Pres. & Gen. Mgr.
428—Carter, R. H., Asst. Eng.
428—Carter, T. C., Gen. For. Loco. Dept.
82—Carter, W. E., Supvr.
1848—Cartwright, A. D., Sec.
26b—Cartwright, B. I., M. M.
186—Cartwright, C. C., Trav. Str. Kpr.
696—Cartwright, K., Asst. Mech. Insp.
26b—Cartwright, R. I., Gen. Mgr
96, 1897—Carty, F. J., Mech. Eng., Pres.
514—Carus, E. H., Sec.
514—Carus, M. H., Pres.
58b—Carver, A. R., Div. Eng. M. W.
137c—Carver, C., B. & B. Mast.
699—Carver, G. W., Asst. Sec. & Asst. Treas.
428—Carver, J. L., Eng. Tests.
212a, 865—Cary, C. C., V.-Pres. & Gen. Mgr.
927—Cary, H. F., G. P. A.
865—Cary, H. L., Aud. & G. F & P. A.
176—Cary, J. R., Gen. Supt.
176—Cary, Jr., J. R., Rd. For. Eng.
692x, 693—Cary, R. J., Gen. Coun.
886—Case, A. P., Rnd. Hse. For.
439—Case, A. S., Gen. For. B. & B.
886—Case, I. W., Rd. Mast.
469—Case, J. L., Loc. Mgr.
695a—Case, L. C., Supvr. Trk.
756a—Case, M. E., Gen. Mgr.
382—Casey, E. A., Div. Str. Kpr.
325c—Casey, M., V.-Pres.
744—Casey, T. Y., Traf. Mgr.
927a—Cash, W. L., Gen. For. Car. Rep.
523—Cashman, C., Supvr.
523—Caskey, J. F., Supt. Tel.
439a—Caskie, J. J. K., Gen. Atty.
1020a—Caskie, J. R., V.-Pres. & Gen. Coun.
40b—Casler, C. A., Stat.
472—Casperson, W. G., Trav. Eng.
1031d—Cass, C. D., V.-Pres.
1851, 1851b—Cass, L. S., V.-Pres.
927b Cassady, J. A., Gen. For.
751a—Cassel, H., Asst. Supt. Ferries
1081—Casselberry, R. C., Aud.
200—Cassell, B., Treas. & Asst. Sec.
800—Cassels, J. T., Sup Ovhd. Wks
683—Cassidy, E. R., Clm. Agt.
837—Cassidy, G., Asst. G. F. A.
137b—Cassidy, H. B., Rd. Mast.
137b—Cassidy, J. R., Rd. Mast.
619—Cassidy, P. J., Rd. Mast.
757—Cassil, H. A., Ch. Eng.
1039—Casson, R., Val. Acct.
473—Cast, W. B., Valus. Eng.
930a—Castaneda, R., Supt.
927—Casteel, W. G., Asst. Aud.
670—Castillo, M., Asst. Supt. M. P. & Machy.
212—Castillo, N., M. M.
128—Castle, C. E., Sec., Treas. & Gen. Mgr.
1020—Castle, J., M. C. Paint.
931, 931a—Castle, O. C., Supt. Trans
549—Castle, W. B., Supvr.
328—Castleman, J. C., Rd. Mast.
322c—Castor, C. H., For Sig. Maint.
670—Castro, E., Rd. Mast.
274—Caswell, C. I., Div. Str. Kpr.
139b—Caswell, J. R., Div. Eng.
105—Caswell, M. M., M. M.
696—Caswell, W. H., Ch. Mech. Insp.
137b—Catcher, E., Supvr. Water Serv.
828—Catching, H. H., Ch. Eng.
549—Catchot, A. J., Supvr. B. & B.
930a—Cate, C. E., Asst. to Ch. Eng.
920—Cater, C. F., Aud.
86a—Cates, L. S., V.-Pres. & Gen. Mgr.
927b—Cates, W. P., Jr. Eng. Maint.
581—Cathcart, W. C., G. F. & P. A.
808—Catherman, H. Y., Asst. Gen. Car Insp.
432—Catherman, J. I., Eng. M. W.
629—Cathers, E. F., Rd. Mast.
40c—Catlin, W. M., Pur. Agt.
632—Cato, W. A., For. Paint.
1039—Caton, S. W., M. C. B.
705—Catron, J. B., Gen. Brdg. Insp.
982a—Cattermole, R. W., Supt. & Ch. Eng.
439—Caudle, R. E., Div. Eng.
693a—Cauldwell, J., Asst. Sig. Supvr.
428—Caulfield, A. D., Supt.

948—Causey, J. C., Asst. Supt.
195a-Causlaud, E., Rd. For. of Loco.
1023—Cauthan, P. H., Treas.
137b-Cavanagh, A. H., Asst. Supt.
677—Cavanagh, J. B., Sec. & Asst. Treas.
229—Cavanagh, J. R., Asst. to Supt. Frt. Trans.
931a-Cavanaugh, J. J., Gen. For.
1415b-Cavanaugh, L. R., Traf. Mgr
718c-Cavanaugh, O. B., Mast. Car Rep.
47—Cavenaugh, C. I., Str. Kpr.
930—Cavender, F. E., Mast. Car Rep.
58a-Cavey, W. E., Supvr. Loco. Oper.
8—Caviezel, J. A., Gen. Mgr.
1850a-Caviston, J. C., Sec. Oper. Div., Med. & Surg. Sec., Sec., Prot. Sec., Sec. Safety Section.
838—Cayce, M. P., Pres.
551—Cayce, R., Sec. & Treas.
137g-Caye, G. W., Pur. Agt.
1376-Cayley, W., B. & B. Mast.
382—Cebulla, F., Car For.
670—Cebullos, M., Div. Eng.
1851—Cecce, J. A., Asst. to Mgr. Pur. & Stores.
883—Cecil, E. H., M. M.
931a-Cecil, L. H., Asst. to V.-Pres. & Gen. Mgr.
751c-Cellar, F. A., Asst. Div. Eng.
670—Cervantes, A., Rd. Mast.
411—Cessik, J. A., Traf. Mgr. Aud. & Frt. Clm. Agt.
860, 860a—Chace, A. E., Ch. Surg.
40—Chace, H. C., Supt. Tel.
612—Chacon, F. G., Traf. Supt.
693c-Chadwick, I. B., Asst. Supt.
927—Chadwick, J. P., Mech. Eng.
53—Chadwick, J. W., Gen. Mgr.
632—Chadwick, R. A., Comm. Agt
751b-Chaffin, H. B., M. M.
540—Chaffin, L. E., Asst. Aud.
1920—Chalenor, L. E., Sec.
1850b-Chalfant, J. F., Mgr. Dept. Demur.
1583—Chalker, L. M., Traf. Mgr.
804—Challeen, A. J., Supt. Shops
716—Challoner, F., Div. Rd. Mast.
716—Challoner, L. R., Asst. G. F. A
209—Chalmers, J., Gen. For. Car Dept.
428—Chalstrom, H. E., Asst. Eng.
1001d-Chamberlain, C. A., Rd. Mast
617—Chamberlain, F. A., Pres.
724—Chamberlain, F. A., V.-Pres. & Div. Mgr.
274, 799, 885—Chamberlain, H. D., Aud.
58b-Chamberlain, R. E., Div. Eng. M. W.
314—Chamberlin, A. R., Rd. For. Eng.
808—Chamberlin, C. E., Div. Sup
507—Chamberlin, S. A., Supt. M. P.
972—Chamberlin, W. C., Asst. Mgr.
716—Chambers, A. J., Rd. Mast.
757—Chambers, C., For. Paint.
159—Chambers, C. E., Supt. M. P. & E.
685b, 927b—Chambers, C. P., Supt., Term. Supt.
40—Chambers, E., V.-Pres.
283—Chambers, F. C., Pres.
279—Chambers, F. G., Rd. Mast.
808—Chambers, G., R. E. Agt.
696—Chambers, J. A., Asst. to Mech. Eng.
1021—Chambers, W. C., Div. M. M.
551—Chambers, W. E., G. F. A.
392a-Champlin, E. F., Sig. Supvr.
342—Champlin, R. A., Asst. Supt. Trans.
157—Chancellor, C. D., Asst. G. F. A.
428—Chandler, C., Asst. Eng. Brdg.
927b-Chandler, C., Gen. Supt.
47—Chandler, F. C., Rd. Mast.
726e-Chandler, G. A., Supt. Trans.
139a-Chandler, H. A., Div. Eng.
294—Chandler, J. E., Gen. Str. Kpr.
629—Chandler, J. M., Rd. Mast.
472—Chandler, J. W., M. M.
693a-Chandler, R. L., Dist. M. C. B
670—Chanes, R. A., Rd. Mast.
629—Chaney, A. B., Asst. Eng.
751b-Chaney, R. L., Supvr.
616—Chantry, L. E., Paint. For.
428—Chapin, A. L., Asst. Elec. Eng.
780—Chapin, L. A., Aud.
1494, 1621a, 1631—Chapin, N. D., Gen. Traf. Mgr.
58a-Chaplin, J. W., Mast. Carp.
204b-Chapman, A. B., Asst. Eng.
176—Chapman, A. B., Supvr. Weld.
1020c-Chapman, A. H., Office Eng.
7a—Chapman, A. J., Frt. Traf. Mgr.
204b-Chapman, Jr., A. P., Asst. G. P. A.
870—Chapman, C. A., Pur. Agt.
629—Chapman, C. C., Supt.
322—Chapman, C. L., Asst. to V.-Pres.
97—Chapman, E. D., R. E. Eng.
40, 1889—Chapman, E. E., Eng. Tests, V.-Pres.
837—Chapman, F., Supvr. Trk.
137e-Chapman, F. W., Rd. For. Eng.
428—Chapman, J. L., Gen. For. Loco. Dept.
428—Chapman, J. N., Gen. For. Loco. Dept.
619—Chapman, J. R., Aud.
886—Chapman, J. W., Rd. Hse. For.
716—Chapman, K. G., Rd. For. Eng
616—Chapman, L. M., Asst. Supt. M. P. & R. S.
606—Chapman, N. M., M. M.
428—Chapman, S. B., Trav. Eng.
142b-Chapman, S. F., V.-Pres. & Treas.
137c-Chappell, B. T., Gen. Supt.
696—Chappell, G. W., Asst. Sig. Eng.
968b-Chapron, J. P., Car Acct.
58—Charles, F. L., Asst. to Gen. Frt. Clm. Agt.
927—Charles, T. N., Asst. Eng Sig. & Elec. Dept.
1022—Charleston, F., Gen. Aud.
1814—Charlesworth, G., Elec. Eng
565—Charlet, P., Eng.
716—Charlton, A. D., G. P. A.
180—Charlton, G. J., Pass. Traf Mgr.
330—Charlton, H., Gen. Mgr.
137—Charlton, H. R., Mgr. Advt Bureau.
186—Charlton, J., Eng. Hse. For
1020c-Charlton, J. H., Div. Eng.
751a-Charlton, J. P., Supvr.
1001c-Charlton, R. C., Sig. Eng.
1001—Charske, F. W., V.-Pres. & Cont.
97—Chase, C. J., Asst. Div. Eng
1700—Chase, C. L., Gen. Mgr.
209b-Chase, C. W., V.-Pres. & Gen. Mgr.
195—Chase, E., Supt. Trans.
751—Chase, E. P., Asst. Elec. Eng
628—Chase, M. D., Shop Supt.
257—Chase, S. C., V.-Pres.
96—Chase, W. E., Ch. Fuel Supvr
437c-Chasse, W. F., Sec. & Aud
847—Chastain, J. C., Div. Rd. Mas
933a-Chatburn, J. L., Str. Kpr.
139—Chateauvert, R. W., Ch. Tar Bur.
315—Chatham, A., Sec. & Treas
315—Chatham, H. G., Pres.
1683a—Chauncey, J. P., Frt. Clm. Agt.
1001c-Chausse, L. V., Div. Eng.
439a-Chavel, C. A., Aud.
670—Chavez, A., M. W. Eng.
670—Chavez, M. E., Div. Str. Kpr
815—Cheadle, T. S., Ch. Car Insp
1001c-Cheatam, J. N., Rd. Mast
632—Cheatham, S. W., Asst. Rd Mast.
629—Cheatham, T. W., Supt.
382—Check, J., Dist. Rd. Mast.
428—Cheek, P., Supvr.
137b-Cheeseman, T., Car For.
751c-Cheesman, P. M., M. M.
137c-Cheetham, E., Rd. Mast.
923—Cheney, C. H., Pres. & Mgr.
1031d-Cheney, C. M., Pres. & Gen. Mgr.
923—Cheney, Jr., F., V.-Pres.
886—Cheney, F. C., Asst. G. F. A.
923—Cheney, W. C., Sec.
279—Cherpeski, T. J., Rd. Mast.
629—Cherry, C. E., Rd. Mast.
137g-Cherry, W. H., Eng. Hse. For.
139—Cherry, W. J., Aud.
751b-Cherry, W. Y., Supt. M. P.
204a-Cherwinker, J. A., Rd. Mast.
66a-Chesboro, C. S., Asst. Traf. Mgr.
757—Chesher, E., Car For.
289—Chesley, A. E. H., Gen. Acct.
1030b-Chesley, Jr., W. F., Gen. Mgr.
930—Chesney, O. V., Supvr. B. & B.
964—Chester, A. J., Supt. Trans.
629—Chevalier, C. R., Asst. Eng.
600—Chever, C. H., Asst. G. P. A.
157—Chew, J. R., Supt. Fire Prev.
432—Chewning, V. O., Asst. Elec. Supt.
563—Chick, L. P., Asst. Rd. Mast.

139b–Chicoine, P., Rd. Mast.
693b, 693c–Chidley, J., Supt. M. P.
304–Chilcoat, W. M., Gen. Shop For.
304–Chilcote, L. K., Asst. Supt.
695a, 695b–Childs, C. R., Air Brk. Supvr.
58c, 935–Childs, H. E., Asst. M. M.
930–Chilton, F. A., Master Car Repairer.
342–Chilton, H. L., Str. Kpr.
845–Chilton, J. C., Ch. Surg.
195a–Chinn, A., Div. Eng.
757–Chipman, P., Office Eng.
139e–Chisholm, D. C., B. & B. Mast. & Div. Eng.
498–Chisholm, J. A., Asst. Treas. & Aud.
137–Chisholm, W. C., Gen. Coun.
498–Chism, J. W., For. Paint.
82–Chittenden, A. D., Supt. Trans.
137c–Chivers, D. H., Car For.
1001a–Choate, F. B., G. F. A.
139h–Choate, J. Z., B. & B. Mast.
394a–Choate, W. G. Gen. Mgr.
629–Choate, W. L., Rd. Mast.
137a–Chouinard, L., Rd. Mast.
137g–Chown, A. B., G. P. A.
139f–Chown, J. H., Supt.
137g–Christ, D., Eng. Hse. For.
48–Christensen, B., Treas.
382–Christenson, C., Dist. Rd. Mast.
1700–Christeson, A., V.-Pres.
381b–Christian, C. S., Ch. Eng.
418–Christian, I. C., Asst. Rd. For. Eng.
314–Christiansen, A. L., Supt. C. S.
165–Christiansen, J. F., Aud. & Gen. Mgr.
523–Christiansen, P., Supvr.
204a–Christianson, H. B., Asst. Eng.
139f–Christianson, W., Rd. Mast.
40c, 1901–Christie, J. A., Supt. Term., Pres.
1700–Christie, J. R., Gen. Mgr.
382–Christie, L. E., Car For.
950–Christie, M. M., Mast. Paint.
755a–Christien, N., Supvr. Sig.
450–Christman, O. E., Aud.
204a–Christoffer, C. S., Gen. Supt.
716–Christofferson, C. A., Sig. Eng.
876–Christopher, C. C., Pur. Agt.
428–Christy, G. C., M. M.
82–Christy, O. B., Asst. Rd. For. Eng.
698a–Christy, R. F., Supvr. B. & B.
1032–Christy, W. Z., M. M.
195b–Chryst, P. F., Rd. For.
137b–Chubb, W. H., Str. Kpr.
1001a–Chumbley, R. L., Asst. to Gen. Mgr.
726e–Chumlea, E. J., Aud.
428–Chumley, C. M., Rd. Mast.
1003–Church, C. R., M. M.
1020c–Church, G. H., Treas.
176–Church, H. M., Div. Eng.
1021–Church, J. P., Supt. Tel.
931–Church, L. B., Asst. Supt. Term.
5, 636, 751, 776–Church, S. H., Sec., Asst. Sec., Sec.
751b–Church, S. L., Eng. M. W.
1297–Church, W. A., Traf. Mgr.
94–Churchill, C., Rd. Mast.
705–Churchill, C. S., V.-Pres.
469, 470–Churchill, W. L., Ch. Eng.
275–Cizek, F., Div. Supt.
619–Claar, R. S., Res. Eng.
927, 927a–Claggett, F. D., Asst. to V.-Pres., Asst. Frt. Traf. Mgr.
847–Claiborne, J. W., Asst. Supt
847–Claman, W. C., Sig. Supvr.
137g–Clancey, J. A., Supt. Trans.
930–Clancy, R. J., Asst. to Gen. Mgr.
389–Clancy, T. J., Dist. Str. Kpr.
472–Clapham, T. H., Gen. Rd. For. Eng.
186–Clapp, E. S., Trav. Str. Kpr.
930–Clapp, E. W., Asst. Frt. Traf. Mgr.
389–Clapp, J. B., Dist. Rd. Mast.
186–Clapp, L. A., Div. Supt.
294–Clapper, L., Eng. B. & B.
349–Clarity, F. E., V.-Pres. & Gen. Mgr.
696–Clark, A., Asst. Comr.
751a–Clark, A. B., Div. Supt.
403–Clark, A. D., Pres. & Treas.
695d, 696, 699–Clark, A. E., Sec.
139–Clark, A. J., Supt. Traf.
695a–Clark, A. M., Div. Eng.
262–Clark, A. T., Traf. Mgr.
811–Clark, B. M., Sec.
705–Clark, C. B., Rd. Mast.
930–Clark, C. C., Rd. Mast.
920–Clark, C. E., Car Acct.
790b–Clark, C. E., Treas.
886–Clark, C. E., Rd. Mast.
646–Clark, C. N., Supt.
960b–Clark, C. P., V.-Pres. & Gen. Mgr.
1820–Clark, C. P., Ch. Rate & Tariff Div.
839–Clark, C. W., Pres.
1015a–Clark, C. W., Gen. Mgr.
342–Clark, D. B., Gen. Rd. Mast.
494–Clark, D. B., Rd. Mast.
695a–Clark, D. H., Ch. Police.
244–Clark, E., M. M.
737f–Clark, E., Asst. Supt.
619–Clark, E. G., G. F. A.
40a–Clark, E. H., Sig. Supvr.
795–Clark, E. J., Pur. Agt.
279, 821–Clark, E. N., Gen. Atty.
1686–Clark, E. P., Traf. Mgr.
497–Clark, E. R., Sec.
737e–Clark, E. W., V.-Pres.
137c–Clark, F., Loco. For.
195–Clark, F., Asst. Aud.
322–Clark, F. A., Gen. Aud.
629–Clark, F. B., Asst. G. F. A.
1385–Clark, F. C., Traf. Mgr.
453–Clark, F. I., V.-Pres. & Gen. Mgr.
599–Clark, F. J., G. F. & P. A.
115–Clark, G. A., Supt. Car Serv.
802a–Clark, G. A., G. F. A.
693–Clark, G. H., Asst. G. F. A.
154–Clark, G. W., Asst. Supt.
660–Clark, H. A., Gen. Mgr.
619–Clark, H. A., Gen. Air Brk. Insp.
1852–Clark, H. A., 2 V.-Pres.
207–Clark, H. G., Asst. to Pres.
1598–Clark, H. J., Supt.
137–Clark, H. K., Supt. Equip.
1924–Clark, H. K., Pres.
751b–Clark, H. L., Mast. Carp.
63–Clark, H. L., V.-Pres.
58a–Clark, H. T., Asst. Rd. For. Eng.
1001–Clark, H. W., Gen. Coun.
629–Clark, H. W., Supvr. B. & B.
176–Clark, I. C., Spec. Asst. to Gen. Mgr.
182–Clark, I. N., Gen. For.
137c–Clark, J., Asst. Supt.
58b–Clark, J., Supvr. Rd.
808–Clark, J. C., Gen. For. Loco Shops.
176–Clark, J. D., Fuel Supvr.
757–Clark, J. E., Asst. G. F. A.
1059a–Clark, J. F., Aud. & Asst. Treas.
58, 58c–Clark, J. H., Supt. Floating Equip.
182–Clark, J. J., Asst. G. F. A.
78–Clark, J. M., Aud.
1927–Clark, J. N., Pres.
40b–Clark, J. R., Gen. For.
229–Clark, J. W., Asst. Traf Mgr.
1021–Clark, J. W., Supvr.
115–Clark, J. W., Rd. Mast.
929, 1071–Clark, L. J., Sec.
40c–Clark, M. B., Div. Eng.
137g–Clark, O. F., Car Acct.
1437d–Clark, O. W., Trat. Mgr.
960b–Clark, P. E., Pres.
308–Clark, P. N., Aud. & G. F. & P. A.
958a–Clark, R., Loco. For.
802a–Clark, R. A., Pres., Sec. & Gen. Mgr.
47–Clark, R. E., Rd. Mast.
604–Clark, R. H., Treas.
182–Clark, R. S., Div. Eng.
716–Clark, R. W., Asst. to Pres.
382–Clark, S. G., M. M.
96–Clark, S. H., Asst. Supt.
137d–Clark, T., Asst. Supt.
58b–Clark, T. F., For. Paint. Car Dept.
382–Clark, T. J., Gen. M. M.
808–Clark, W. A., Supvr.
294–Clark, W. A., Ch. Eng.
297–Clark, W. A., Gen. Car For.
1700–Clark, W. B., Asst. to Pres.
629–Clark, W. S., Supvr. B. & B.
693a–Clark, W. S., Div. Gen. For. Car Dept.
847–Clark, W. T., Gen. For. Car Dept.
137–Clarke, A., Gen. Acct.
808–Clarke, A. B., Gen. For. Car Shop.
58–Clarke, A. C., Dist. Eng.
696–Clarke, A. G., Asst. Eng.
1398–Clarke, C. B., Traf. Mgr.
692x–Clarke, C. D., Dist. Land Appr.
47–Clarke, E. R., Asst. G. P. A.
137–Clarke, F. F., Ch. L. Surv.
139–Clarke, F. K., Frt. Clm. Agt.

137b–Clarke, G. P., Supt. Car Serv.
480—Clarke, H. A., Sec.
195—Clarke, H. R., Gen. Insp. Per. Way.
274—Clarke, H. S., Eng. M. W.
1020c–Clarke, J., Sec.
58a–Clarke, J. D., Supt. Trans.
597—Clarke, J. J., Supt. Trans.
342—Clarke, J. O., Asst. Treas.
204a–Clarke, J. T., Sr., Gen. Car For.
395—Clarke, M., Rd. Mast.
549—Clarke, M., Asst. Rd. Mast.
395—Clarke, O. L., Land & Tax Comr.
933—Clarke, R., For. Paint.
629—Clarke, R. N., Asst. Eng.
927—Clarke, T. H., Tie & Timber Agt.
523—Clarien, T. J., Mgr. Lighterage Dept.
139g–Clarkson, H. W., Rd. Mast.
705a–Clarkson, T., Gen. For.
666, 737h—Clarkson, T. A., Sec.
847—Clary, L. B., Asst. Supt.
259—Claus, W., Eng. M. W.
428—Claus, W. H., Sig. Insp.
1001a–Clausen, E. C., Supvr. B. & B.
325c–Claussen, H. F., Sec. & Treas.
629—Clawson, C. D., Supvr. Plants.
558—Clawson, W. R., Pres.
808—Clay, W. J., Asst. Gen. Str. Kpr.
693b–Clayman, L. A., Supvr. Trk.
1801a–Claypool, W. D., Comr.
847—Claypool, W. W., Gen. For. Car Dept.
1001d–Clayton, F. F., C. S. A.
929—Clayton, J. P., V.-Pres.
962—Clayton, T. J., M. M.
876 –Clayton, W., V.-Pres.
198—Clear, W. P., Trk. Supvr.
470—Cleary, A. J., Supt.
549—Cleaton, B. B., Asst. Div. M. M.
1850k–Cleave, E. J., Dist. Mgr.
40b–Clegg, C. B., Supvr. Water Serv.
270—Clegg, H. P., Pres.
137c–Clegg, T., Insp. Air Brake.
137—Clegg, W. H., Ch. Insp. Air Brk. & Car Heat. Equip.
808—Clem, W. A., Asst. Pur. Agt.
961—Clemens, E., Traf. Mgr.
696—Clemens, H. V., Aud.
1020c—Clement, H., Asst. Treas.
751—Clement, M. W., Asst. V.-Pres.
958a—Clement, S. B., Ch. Eng.
629—Clements, C. A., Supt. Term.
629—Clements, F. G., Supvr. Water Serv.
1598—Clements, H. P., Pass. Traf. Mgr.
927b—Clements, J. G., Supt.
716 –Clements, M. F., Eng. Brdgs.
137b—Clemmens, J., Car For.
209b—Clemmons, W. W., Car Acct.
218a–Clemons, J. T., Rd. Mast.
705—Clendenen, J. O., Rd. For. Eng.
186—Cleveland, A. F., Asst. Frt. Traf. Mgr.
204b–Cleveland, E. L., Asst. Div. Supt.
716—Cleveland, F. A., Asst. G. F. A
523—Cleveland, F. P., Div. Str. Kpr.
693b–Cleveland, G. C., Consult Eng.
40b–Cleveland, G. C., Rd. Mast.
523—Cleveland, M. C., Valua. Eng.
40b–Cleveland, W. H., Gen. Trk. Insp.
207—Clewer, H., Supvr. Fuel Econ.
315—Click, A. G., V.-Pres.
40—Clifford, E. A., Asst. Gen. Pur. Agt.
629—Clifford, F. A., Asst. Supt. Sta. & Clm. Prev.
1858d–Clifford, G. H., Pres.
373, 621, 716—Clifford, H. A., Treas
97—Clifford, H. G., Asst. Sig. Supvr.
139—Clifford, J. C., Asst. Eng. M. W.
186—Clifford, J. O., Aud.
402—Clifford, W. C., V.-Pres. & Gen. Mgr.
428, 737h—Clift, A. E., Sr. V.-Pres.
1031b–Clift, P., Div. Supt.
137c–Clifton, A., Loco. For.
705—Clifton, R. W., Rd. Mast.
195a–Climo, J. C., Div. M. M.
328—Clinard, A., M. M.
194, 204c–Clinch, R. F., V.-Pres.
757—Cline, A. S., Car For.
327a–Cline, D., Supvr. B. & B.
58a–Cline, R. H., Ni. M.
139h–Cline, W. E., Trans. Asst.
47—Cline, W. P., Supt. Tel.
755a–Clinesmith, S., Supvr. Trks.
771, 1883–Clinton, M. R., Supt. C. S., V.-Pres.
927a–Clontz, I. B., Rd. Mast.
58a–Clopton, E. J., Supvr. Rd.
705—Clore, J. N., Rd. For. Eng.
382—Close, J. I., Div. Supt.
204a–Clothier, E. E., Ch. Carp.
693a–Clough, A. M., Supvr. Trk.
359, 933a—Clough, D. I., M. M.
930—Clough, F. M., Supvr. B. & B.
737b–Clough, R. L., Aud.
964, 968b—Cloyd, M. D., Asst. Sec. & Asst. to Pres., Sec. & Treas.
40b–Clucas, H. E., Gen. For.
58b–Clugston, W. L., Gen. For. Loco. Dept.
322—Clum, L. V. R., C. S. A.
811—Clune, G. H., V.-Pres.
1030b–Coad, J. F., Sec.
677—Coakley, J. A., V.-Pres. & G. F. A.
139c–Coakley, P., Rd. Mast.
681a–Coard, E. F., G. F. & P. A.
737d–Coates, C. C., Supt.
428—Coates, F. J., Supvr.
1858—Coates, F. R., Pres.
58b–Coates, J. P., Gen. For. Loco. Dept.
88b–Coates, W. B., Pres.
599b, 600a, 715—Cobb, B. C., Pres.
692—Cobb, C., Sec. & Treas.
47—Cobb, C. M., Dist. Supt.
1020a–Cobb, F. A., Sec.
677a–Cobb, G., Supt.
1020a–Cobb, H., Treas.
927a–Cobb, H. M., Asst. G. F. A.
350—Cobb, T. B., Rd. Mast.
707—Cobban, H. B., Sec., Treas. & Gen. Mgr.
1009d–Cobbs, F. J., Pres.
47—Cobbs, Jr., J. L., Dir. of Pub. Rel.
835a–Coberly, L. W., Treas.
396a–Coblentz, E. L., Chman.
139e–Coburn, G. W., Div. Eng. & Mast. B. & B.
1001c–Coburn, H. B., Asst. Supt.
751b–Coburn, H. S., Gen. For.
325a–Coburn, J. H., Sec.
927b–Cochran, E. L., Supvr. B. & B.
1001d–Cochran, G., Ch. Surg.
58—Cochran, H. A., Coal Traf. Mgr.
1309—Cochran, H. A., Traf. Mgr.
1031a–Cochran, M. M., Pres.
350—Cochran, R. B., Asst. to V.-Pres. & Gen. Supt.
243—Cochran, T., V.-Pres.
243—Cochran, T., Treas.
382—Cochrane, J. A., Asst. to V.-Pres.
8, 625c–Cochrane, Jr., J. T., Gen. Exec. Agt., V.-Pres. & Gen. Mgr.
7, 8, 625c—Cochrane, J. T., Pres., Recr.
40a–Cochrun, R. E., Div Str. Kpr.
705—Cocke, C., Pur. Agt.
705—Cocke, L. H., Gen. Atty.
705—Cocke, Jr., L. H., Asst. Gen. Atty.
769—Cocke, N. A., V.-Pres. & Treas.
549—Cockerham, D., Asst. Supvr. B. & B.
606—Cockrell, C. W., Asst. to Pres.
200—Cockrell, E. P., G. P. A.
428—Cockrill, J. W., Div. Str. Kpr.
695—Cockrum, J. B., Gen. Solr.
705—Coddington, H. W., Eng. Tests.
275—Coddington, J. M., Aud.
699b, 700—Coddington, R. R., V.-Pres., Gen. Supt.
453a–Code, J. G., Gen. Mgr.
139c–Code, W., Rd. Mast.
218a–Coder, C. V., Supt. Tel.
139g–Codington, W. L., Div. Eng.
693b–Codling, G. A., Supt. Frt. Trans.
40b–Coe, E. A., Gen. For. B. & B.
695b–Coe, T. W., M. M.
1020c–Coe, W. R., V.-Pres.
1001a–Coey, A. L., Asst. Supt.
751c–Coffel, W., Supvr.
182—Coffell, L., Supvr.
1001d–Coffey, H. T., Supvr. Power Plants & M. Cars.
150a–Coffey, L. C., Supt. Trans.
629—Coffey, L. L., Asst. Eng.
1020—Coffin, H., Gen. Mgr.
139e–Coffin, H. J., Asst. Supt.
97—Coffin, S. P., Div. Eng.
248a—Coffman, H. C., Sec.
1844—Coffman, I. W., Comr.
572, 607—Cogan, J. J., Gen. Mgr.
927a–Coggins, E. K., Trk. Supvr.

927—Coggins, N.B.,Div.Str.Kpr.
596a—Coghlan, J., Sec.
967—Cogley, M. T., Pres.
286f—Cohan, D. G., Supt.
616—Cohn, D., For. Rnd. Hse.
699b, 700—Cohn, Jr., M., Gen. Coun., V.-Pres.
716—Coil, C. W., Rd. Mast.
156—Coker, H., Rd. Mast.
931a—Coker, J. W., Rnd. Hse. For.
927a—Colaw, O. D., Asst. Eng. Maint.
773—Colbert, J. T., Gen. Supt.
699—Colburn, E., Div. M. M.
40c-Colclough, E., Gen. For. B. & B
137b-Colclough, R., Supt.
786—Coldwell, O. B., V.-Pres.
37, 394a, 818, 942—Cole, A. T., Asst. Sec. & Asst. Treas., Treas. & Asst. Sec., Sec. & Treas.
129—Cole, B. S., Sec.-Treas.
452—Cole, C. S., Elec. Eng.
58b-Cole, E., Supvr. Rd.
1001a-Cole, E. J., Supt. Shops.
979a, 1618—Cole, G. W., Traf. Mgr.
1596—Cole, H. B., Traf. Mgr.
207—Cole, J. C., M. M.
42—Cole, J. W., Rd. Mast.
716—Cole, M. A., Div. Str. Kpr.
97—Cole, M. P., Gen. Car Insp.
860, 860a—Cole, P. T., Agri. Comr.
1800b-Cole, R. F., Asst. Sec..
757—Cole, W. C., Div. Rd. Mast.
275—Cole, W. J., Rd. For. Eng.
549, 737h, 1850—Cole, W. R., Pres., V.-Pres., Dir.
790b-Cole, W. W., V.-Pres.
342—Colee, H., Mgr. Pub. Rel. Bur
186—Coleman, C., Div. M. M.
931a—Coleman, C. P., Aud.
42—Coleman, C. T., Str. Kpr.
139, 311a, 325, 487-Coleman, D.C., V.-Pres., Pres.
47—Coleman, D. W. Asst. Str. Kpr.
616—Coleman, F. O., Supt.
58a-Coleman, G. D., Asst. Rd. For. Eng.
40—Coleman, J. J., Asst. G. F. A.
137g-Coleman, J. P., Supvr. Sig.
207—Coleman, L. E., Asst. Supt. Din. Cars.
1850k-Coleman, P. J., Dist. Mgr.
367—Coleman, R. B., Gen. Mgr.
382—Coleman, S. E., Mast. Carp.
342—Coleman, T. A., Trk. Supvr.
382—Coleman, W. H., Loco. For.
207—Coles, F. L., Gen. For. Loco. Dept.
1040—Coles, J. R., Sig. Eng.
696—Coley, F. C., Pass. Traf. Mgr.
693a-Coley, W. B., Ch. Surg.
18—Colgate, N. T., M. M.
428—Colgrove, G. B., Ch. Elec.
274—Colket, J. E., Milk Agt.
847—Collar, F. G., Div. Str. Kpr.
751a-Colledge, W., Rd. For. Eng.
229—Collender, R. H., Div. Sig. Insp.
207—Colles, J., Rd. Mast.
930—Collett, C. T., Asst. to V.-Pres.
306d, 468a—Collett, G. R., Pres.
847—Collett, R., Fuel Agt.
847—Collette, E. L., Div. Eng.
322b-Collette, G. F., Clm. Agt.
547—Colley, C. C., Pur. Agt.
1568—Colley, R. H., Treas.
695a, 695b, 695c—Collie, W. A., Supt. Trans.
1858—Collier, B., Treas.
229—Collier, C. B., Supvr. B. & B.
1068—Collier, S. P., Traf. Mgr.
207—Colligan, P. J., Supt. Shops.
137c-Collings, O. E., Rd. Mast.
470—Collins, A., Gen. Atty.
860a-Collins, A. F., Rd. Mast.
619—Collins, A. I., Rd. Mast.
628a-Collins, D. J., Asst. G. F. A.
149—Collins, E. L., Treas.
124a-Collins, F. H., V.-Pres. & Treas.
693b-Collins, G. A., Ch. of Police
186—Collins, G. E., Asst. Supt. Car Shops.
930—Collins, H., Rd. Mast.
186—Collins, H. H., Gen. For. Car Dept.
524—Collins, H. M., V.-Pres.
619—Collins, J. F., Rd. Mast.
563—Collins, J. F., Asst. Rd. Mast
599b, 600a—Collins, J. F., Recr., V.-Pres. & Gen. Mgr.
428—Collins, J. W., Supvr.
693b-Collins, L. J., Gen. For. Car Dept.
176—Collins, M. E., Gen. For. Car Dept.
40—Collins, M. J., Gen. Pur. Agt.
45—Collins, R. F., Car Acct.
275—Collins, R. O., Aud.
139b-Collins, T., Term. Supt.
487—Collins, W., B. & B. Mast.
141—Collins, W. E., Aud.
322—Collins, W. R., Mgr. of Pur.
137c-Collinson, F. E., Mech. Eng.
58a-Collinson, J. G., Supvr. Rd.
695—Collister, C. C., Gen. Atty.
1057—Collum, H. G., Supt.
1928—Collyer, R. N., Chman.
207—Colm, W. R., Rd. Mast.
137b-Colombo, P., Rd. Mast.
757—Colon, E. D., Shop Effec. Eng.
1849d-Colpitt, P., Comr.
693b-Colson, A. C., Gen. For. Eng. Hse.
927—Colston, E., Gen. Solr.
695—Colston, W. A., V.-Pres., Gen. Coun.
665b-Colton, H. E. Pres.
150a-Colton, J. H., Gen. Supt.
394a-Colvin, C. S., Div. Eng.
815—Colvin, R. M., Supt.
695a-Colwell, F. G., Supt. Shops
9—Colwell, G. W., Rd. Mast.
716—Coman, W. E., Traf. Mgr.
1001c-Combs, F. M., Gen. Car For.
40c-Combs, G. B., Gen. For. B. & B.
695b-Combs, H., Supvr. Sig.
289—Comeau, F. G. J., G. F. & P. A.
579—Comer, J., Mech. Eng.
322a-Comfort, H. R., Mast. Carp.
63—Comins, E. E., Asst. Supt.
986a-Comiskey, F. H., Frt. Clm. Agt.
1703—Comstock, C. A., V.-Pres.
751b-Comstock, C. H., Supvr.
82—Comstock, E. D., G. P. A.
432a-Comyns, J. H., Supt. Trans.
528—Conahan, C. F., M. M.
1078a-Conant, F. O., Pres.
176—Conaty, W. J., Supvr. Valua.
860, 860a—Conaway, W. A., Tax Agt.
930—Concannon, H. W., Dist. Str. Kpr.
1871—Condit, F. M., Sec.
195—Condit, H. O., Str. Kpr.
137a-Condon, F. O., Eng. M. W.
1864—Condon, H. R., 2 V.-Pres.
322a-Condon, J. M., Div. Supt.
195b-Cone, F., Div. Supt.
623b-Conerly, J. B., Rd. Mast.
1837—Coney, J. C., Comr.
1485a-Congdon, C. C., Traf. Mgr.
367—Conger, A. B., Gen. Coun.
666—Conger, J. R., Trk. Supvr.
999a-Conklin, E. D., G. F. & P. A.
274—Conklin, L. G., Gen. Elec. Insp.
600—Conklin, T. F., Gen. Rd. For. Eng.
58c, 935—Conley, A. J., Rd. For. Eng
696—Conley, E., Trk. Supvr.
847—Conley, H. C., Asst G. F. A
40c-Conley, J. A., M. M.
751b-Conley, J. B., Supvr.
847—Conley, J. C., Trav. Mech. Insp.
58a-Conley, J. E., Supvr. Rds.
629—Conley, J. T., Rd. Mast.
428—Conley, M. L., Supvr.
361—Conley, P. J., M. M.
847—Conley, P. W., Supt. Term.
58a-Conley, T. J., Supvr. Rd.
437—Conlin, J. M., M. M.
751b-Conlon, J., Supvr.
1850k-Conn, D., B., Mgr. Pub. Rela. Sect., Car Serv. Div.
927b-Conn, F. J., Bridge Insp.
1305—Conn, G. C., Dir. Traf.
927, 1855—Conn, J. C., Gen. Bag. Agt., Pres.
40—Conn, J. J., Asst. Gen. Pur. Agt.
137—Connal, W. F., Mech. Eng.
1021—Connell, C. C., Rd. For. Eng.
137b-Connell, C. H. N., Dist. Eng.
209b-Connell, H. O., Aud.
310—Connell, J. A., Asst. Treas. & Aud.
40a, 40b—Connell, J. M., G. P. A.
137c-Connell, J. W., Asst. Frt. Clm. Agt.
695—Connell, M. J., Loc. Treas
693, 693c—Connell, M. R., Aud.
739a-Connell, W. E., Rd. Mast.
137b-Connelly, J. J., Supt.
927b-Connelly, J. L., Trk. Supv.
1040—Connelly, J. P., Rd. Mast.
927—Connelly, J. W., Supt. of Police.
751b-Connelly, M. S., Asst. Frt. Traf. Mgr.
751b-Conner, F. W., Pass. Traf. Mgr.
539, 751—Conner, H. P., Asst. Treas.
470—Conner, R., Str. Kpr.
58a-Conners, C. J., Gen. For. Loco. Dept.
980—Conners, J., Rd. Mast.

523—Conners, J. H., Asst. Supt. Fuel Dept.
389—Conners, T. R., Div. Rd. Mast
428—Connerton, M. J., Supvr.
428—Connerton, T., Supvr.
195b—Connett, C. J., Div. Supt.
1001a—Connett, H. A., Supt.
1039—Connett, O. W., Valua. Eng.
342—Conniff, P. H., Asst. S. M. P. & Machy.
1000—Connolly, A. J., Supt.
207—Connolly, F., Rd. For. Equip.
751b—Connolly, F. M., Supvr.
1030a—Connolly, H. T., Gen. Mgr.
159, 808—Connolly, J. P., Supvr. Mail Traf.
739—Connolly, M. B., Rd. Mast.
221—Connolly, M. H., Trk. Supvr.
428—Connolly, R. E., Treas.
1001c—Connolly, W., Supt.
322b—Connolly, W. H., Trk. Supvr.
40b—Connor, E. L., Gen. For. B. & B
175—Connor, J. P., Supt.
931a—Connor, J. T., M. M.
432—Connor, M., Supt.
513—Connor, R., V.-Pres., Treas. & Sec.
927a—Connor, R. E., Supvr. B & B
930—Connor, T., Rd. Mast.
367—Connor, T. A., Supt. Trans.
513—Connor, W. D., Pres. & G. M.
513—Connor, Jr., W. D., Supt.
265—Connor, W. O., Treas.
322a—Connors, C. L., Trk. Supvr.
619—Connors, D. M., Rd. Mast.
428—Connors, E. J., Gen. For. Loco. Dept.
137a—Connors, G., Str. Kpr.
210—Connors, J. E., Supt.
413—Connors, M. S., Gen. Mgr.
180—Connors, T., For. Loco. Rep.
123—Connors, W. L., Asst. Sig. Eng.
367—Conger, A. B., Gen. Coun.
751b—Conover, J. L., Supvr.
693, 693c—Conover, J. S., Aud.
40—Conrad, A. L., Asst. Gen. Aud.
727—Conrad, C. H., Gen. Supt. Trans.
979a—Conrad, F. P., Aud.
306b—Conrades, E. W., Supt. C. S.
26b—Conroy, E. J., V.-Pres.
186—Conroy, J. E., Dist. Str. Kpr.
751b—Considine, J. S., Supvr.
693a—Constable, F. W., Asst. Sig. Supvr.
176—Constance, W., Supvr. Reclam.
205—Converse, H. A., Gen. Solr.
186—Conway, B., Asst. Sec.
381b—Conway, C. M., Pres. & Gen. Mgr.
40c—Conway, E., Rd. Mast.
381b—Conway, G. T., Pur. Agt.
549—Conway, G. W., Gen. Str. Kpr
234—Conway, H., Asst. Rd. Mast.
1905, 1909—Conway, J. D., Sec. Sec. & Treas.
139—Coo, W. J., Div. Str. Kpr.
564—Cook, A. B., Treas. & Gen. Mgr.
716—Cook, A. R., Asst. Ch. Eng. & Eng. M. W.
695c—Cook, A. S., Gen. Car For.
647—Cook, A. W., Supvr. M. W. & S
705—Cook, B., Mech. Insp.
198—Cook, C. A., Treas.
58—Cook, C. C., Maint. Eng.
629—Cook, C. W., Rd. For. Eng.
328—Cook, C. W., V.-Pres. & Treas.
693c—Cook, E. C., Asst. G. P. A.
40c—Cook, E. O., Div. Str. Kpr.
209—Cook, E. W., For. Rnd. Hse.
306—Cook, F., M. M.
716—Cook, F. G., Div. Rd. Mast.
394a—Cook, F. H., Div. Eng.
647—Cook, H. E., Rd. Mast.
1704—Cook, M. T., Gen. Mgr.
674a—Cook, P. H., Gen. Mgr. & Pur. Agt.
180—Cook, R. A., Ch. Eng.
1460a—Cook, R. E., Traf. Mgr.
629—Cook, R. F., Supvr. Water Serv.
150—Cook, R. S., Asst. Gen. Mgr.
696—Cook, S., Air Brk. Insp.
839—Cook, S. D., Aud.
693c—Cook, T. J., G. F. & P. A.
58b—Cook, W., Supvr. Rd.
795—Cook, W., M. M.
358—Cook, W. D., Pres.
137c—Cook, W. H., Str. Kpr.
31—Cook, W. H., Aud.
1910—Cook, W. L., Chman.
137c—Cooke, C. S., Asst. Supt.
632—Cooke, G. A., Treas.
705—Cooke, J. C., Aud.
1222—Cooke, Jr., J. E., Traf. Mgr.
1496—Cooke, L. T., Traf. Mgr.
1055—Cooke, M. E., Asst. Treas.
1433a, 1683a—Cooke, R. R., Treas.
751c—Cooke, R. W., Asst. G. F. A
200—Cooke, S. J., Asst. G. F. A.
683—Cooke, W. P., Chman. of Bd. & Gen. Coun.
182—Cookingham, J. F., Mast. Carp.
751—Cookman, W. H., Arch.
721—Cooksey, H. O., Gen. Supt.
505—Cookston, R., Mgr.
159—Cooley, L. R., Gen. Str. Kpr.
1001a—Coolican, M. C., Rd. For. Eng.
275—Coolick, P., For. Paint.
466a—Coolley, I. N., Pres.
984—Coombes, A. I., Asst. to Gen. Mgr.
176—Coombs, G., Asst. G. P. A.
693a—Coombs, S. E., Specl. Eng.
342—Coomes, C. E., Aud.
274, 1060a—Coon, J. W., Sec.
182—Cooney, E. M., M. P. Insp.
322b—Cooney, M. J., Trk. Supvr
139—Coons, D., Supt. Tel.
40, 395—Cooper, C. K., Asst. Treas.
1433a—Cooper, C. P., Compt.
1346—Cooper, C. R., Pres. & Gen. Mgr.
860a—Cooper, E. M., Asst. Supt.
1598—Cooper, F. E., Dist. Supt.
58a—Cooper, F. E., Shop Supt.
137b—Cooper, G., Asst. Supt.
886—Cooper, G. G., Rd. Mast.
137g—Cooper, G. J., Gen. Clm. Agt.
195—Cooper, G. S., Aud.
734a, 973—Cooper, H. A., Rd. Mast.
693a—Cooper, H. H., Supvr. of Const.
927—Cooper, H. O'B., Gen. Atty.
734a, 973—Cooper, H. W., Mgr.
847—Cooper, H. W., Div. Rd. Mast
322b—Cooper, J. A., Gen. Supvr. Loco. Oper.
275—Cooper, J. F., Rd. For. Eng.
1846—Cooper, J. F., Sec.
751a—Cooper, J. H., Div. Eng.
707—Cooper, J. L., Traf. Mgr. & Clm. Agt.
275—Cooper, J. T., Rd. For. Eng.
883—Cooper, M. B., V.-Pres. & Traf. Mgr.
547b—Cooper, P. A., V.-Pres.
345—Cooper, R. L., Ch. Eng.
40—Cooper, S. D., Asst. Mgr. Treat. Plants.
322—Cooper, S. F., Gen. Sig. Insp.
137, 734a—Cooper, T. H., Gen. Aud.
139—Cooper, W. A., Mgr. Sl., Din. & Par. Cars.
322c—Cooper, W. D., Gen. Supvr. Loco. Oper.
927a—Cooper, W. F., Term. Supt.
40c—Cooper, W. G., Rd. For. Eng.
808—Cooper, W. H., Div. Str. Kpr.
204a—Cooper, W. S., Asst. to Gen. Mgr.
860—Cootes, C. M., Asst. G. P. A.
186—Cope, C. E., Rd. Mast.
123—Cope, E. E., M. M.
1848—Cope, W. V., Compt.
40, 40c—Copeland, E. L., Sec. & Treas.
47—Copeland, G. B., Supt. Timb. Preserv.
139f—Copeland, L. B., Rd. Mast.
387—Copeland, R. C., Traf. Mgr.
1021—Copeland, R. D., Supvr.
960a—Copeland, S. J., Trk. Supv.
538—Copeman, C. C., G. F. & P. A.
1007a—Coplan, J. D., Aud. & Traf. Mgr.
176—Copland, A. C., Office Eng.
1001c—Copland, J., Frt. Clm. Agt.
55—Copley, I. C., Pres.
428—Copp, S. M., Gen. Clm. Agt.
847—Coppage, T. B., Supt.
757—Coppernoll, H. S., Rd. For. Eng.
691—Copperthwaite, H., Supvr. Sig.
726c—Corbell, D. H., Gen. Aud. & Asst. Gen. Mgr.
860a—Corbett, A. B., Gen. For. Loco. Dept.
1001c—Corbett, J. F., Asst. Supt.
157—Corbett, J. G., Asst. to Pres.
137b—Corbett, J. W., Pur. Agt.
1065—Corbett, M. J., Pres.
800—Corbett, W. H., Div. M. M.
619—Corbett, W. H., Div. Supt.
473—Corbett, W. M., Pres.
308—Corbin, 2nd, A., V.-Pres.
693a—Corbin, W. M., Asst. Supt.
186—Corcoran, D. W., Gen. Str. Kpr.
1061—Corcoran, F. W., Gen. Aud.
186—Corcoran, G., Rd. Mast.
693a—Corcoran, J., Asst. Sig. Supvr
693a—Corcoran, J. J., Asst. Sig. Eng.
180—Corcoran, J. P., Rd. Mast.
195a—Corcoran, J. T., Rd. Mast.
204c—Cordell, H., M. M.
527—Corderman, J. B., M. M.

291—Cordes, C. L., V.-Pres. & G. F. A.
97—Cordeu, A. R., Str. Kpr.
1882—Cordie, W. C., Pres.
58a-Cordie,P.R. Gen.For.Loco., Dept.
204a-Core, S. L., Rd. Mast.
933a-Corey, A. B., Rd. Mast.
437c-Corey, C., Asst. Sec. & Asst. Treas.
1834—Corey, H. H., Comr.
1840a-Corfman, E. E., Pres.
143—Corkill, W. A., Local Treas.
931a-Corley, J. M., Rd. Mast.
968—Corley, T. E., Aud.
47—Corley, W. F., Rd. Mast.
629—Corlis, E. E., Agri. Agt.
1009a-Corlis, W., Rd. Mast.
751b-Corman, W. C., Mast. Carp.
137c-Cormick, J. H., Sig. Eng.
847, 1856—Cornatzer, J. N., Pass. Traf. Mgr., V.-Pres.
629—Cornelison, H., Rd. Mast.
472—Cornelisen, O., Supt.
879c-Cornell, A. W., Supt.
498—Cornell, F. R., Supt. Trans.
457,471—Cornell, J. D., Traf. Mgr.
790b-Cornell, S. D., Sec.
180—Cornell, X. H., Supt. Term.
549—Cornick, H. P., G.F.A.
692x-Cornish, A. L., Asst. Valua. Eng.
502—Cornish, A. W., Frt. Clm. Agt.
628a-Cornish, E. E., M. M.
137g-Cornwell, J., Car For.
58—Cornwell, J. J., Gen. Coun.
1065a-Cornwell, W. B., Pres.
751a-Cornwell, W. D., Supvr.
1815—Corp. A. M., Rate Expert & Stat.
670—Correa, S., Div. Str. Kpr.
927b-Correll, B., Trk. Supvr.
886—Correll, L. T., Str. Kpr.
279—Correy, J., Tax Agt.
137c-Corrigan, F. W., Gen. For. Erect. Shops.
930—Corrigan, G. W., Div. Eng.
198—Corris, S. T., Gen. Car For.
693a-Corson, G. S., For. Paint. Elec. Equip.
322—Corson, R. H., Asst. Supt. Tel.
597—Cortazar, L. M., Surg.
741—Cortez, M., Supt.
137—Corwin, F. L., Asst. G. F. A.
394a, 439—Cory, N., Asst. Eng. Water Serv., Asst. Eng.
195a-Corya, W. E., M. M.
1066b-Coryell, A. B., Gen. Supt. Pur. Agt. & Supt. Maint.
616—Coryell, C. E., Asst. Eng.
186—Coryell, W. F., Rd. Mast.
279—Cosand, H. C., Div. Eng.
1089—Cosens, C. A., Asst. Rd. For. Eng.
930—Cosgrave, P. H., Mast. Car Rep.
1021—Cosper, H. L., Fuel Supvr.
186—Cossette, A. J., Div. Str. Kpr
428—Costanza, M., Supvr.
40b-Costello, J. P., Rd. Mast.
382—Costello, M. J., Traf. Mgr.
428—Costigan, W. C., Supvr.
921—Costin, O. J., Car For.
428—Costley, M. L., G. F. A.
137a-Cote, H., Rd. Mast.
800—Cote, J. A., Supt.
17—Cothran, F. H., V.-Pres. & Gen. Mgr.
927a-Cothran, J. M., Supvr. B. & B.
475—Cotrell, F. E., Rd. Mast.
195a-Cotsworth, Jr., A., G.P.A.
413—Cott, E. R., Safety Agt.
413—Cott, W. N., Asst. Sec. & Asst. Treas.
195a-Cotter, J. A., Rd. Mast.
929—Cotter, J. M., Supvr. Trk.
1021—Cotter, S. E., V.-Pres. & Gen. Mgr.
205, 574—Cotter, W., Recr. & Chman., Pres. & Gen. Mgr.
139h-Cotterell, C. A., Asst. Gen. Supt.
139—Cotterell, E. D., Supt. Trans.
198—Cottingham, G., Eng. M. W.
931a-Cottingham, G. R., Sec. & Aud.
40a-Cotton, C. A., Sig. Supvr.
186—Cotton, C. B., Eng. Hse. For.
200—Cotton, G. E., Str. Kpr.
392—Cotton, W. A., Mech. Asst.
137b-Cottrell, R. J., Loco. For.
835a-Cottrill, H. B., V.-Pres.
991—Couch, G. W., Aud.
128—Couch, H., Gen. Supt.
927—Couch, H. C., Asst. to V.-Pres
42—Coudriet, N. L., Rd. For. Eng
207—Coughlin, D., Gen. Mgr.
139d-Coughlin, J., Rd. Mast.
751a-Coughlin, W. G., Ch. Eng. M. W.
994—Coulahan, E., Supvr. B. & B.
1046—Coulehan, M. F., Supvr. Trk.
693a-Coulson, R. H., Dist. Eng.
1884—Coulston M. H., Asst. Coun.
229—Coulter, C. V., Div. Str. Kpr
1701—Coulter, J. E., Asst. to V.-Pres. & Gen. Mgr.
19, 846a—Coulter, J. W., M. M.
382—Countryman, M. L., V.-Pres. & Gen. Coun.
716—Countryman, Jr., M. L., Gen. Atty.
61, 539, 695d, 751, 1060a—County, A. J., V.-Pres., Asst. to Pres., V.-Pres., Pres.
436—Cour, F. C., Pur. Agt.
1598—Coursey, C. E., Comsy.
549—Courtenay, W. H., Ch. Eng.
207—Courtney, A., Mast. Carp.
771—Courtney, H., Mech. Eng.
342—Courtney, J. T., Rd. For. Eng
695a-695b-Courtney, W. J., Ch. Tar. Bur.
58—Couse, F. J., For. Frt. Traf. Mgr.
798—Cousin, R., Sec.
705—Cousins, R. J., Gen. For.
498—Cousins, J. W., Term. Supt.
1021—Coutant, G. E., Asst. to Supt. M. P.
995—Coutant, M. R., M. M.
798—Couture, G., Rd. Mast.
229—Coverston, H. E., Asst. to Gen. Mgr.
751—Covert, E. L., Ch. Clm. Agt.
1850b-Covert, G. W., Sec. Trans. Div.
198—Covert, M. F., Supt. Car Dept
751b-Covert, W. T., Eng. M. W.
207—Covey, S. J., Rd. Mast.
62, 97, 563—Coville, J. A., Supt. Time Serv.
349—Covington, S. A., Gen. Supt.
1704—Cowan, A. B., Gen. Mgr.
395—Cowan, H. D., Rd. For. Eng.
931a-Cowan, J. L., Tie & Timber Agt.
744—Cowan, S., Pres.
232—Cowart, C. L., Gen. Coun.
930—Cowden, D. V., Tax. Atty.
757—Cowell, H. F., Rd. For. Eng.
70—Cowell, S. H., V.-Pres.
724—Cowgill, H. A., V.-Pres.
428—Cowgill, R. W., Asst. Eng.
930—Cowherd, G. R., Sig. Supvr.
927a-Cowhig, W. M., Gen. Supt. Trans.
137—Cowie, C. D., Asst. to V.-Pres.
1700—Cowie, R. E. M., Pres.
1051—Cowie, T., Str. Kpr.
40b, 234-Cowley, J. P., Rd. For. Eng., Trav. Eng.
395—Cowley, J. P., Asst. to Gen. Mgr.
629—Cowley, J., Supvr. Water Serv.
1001c-Cowling, R. O., Asst. Supt.
629—Cowsert, J. M., Supvr. Water Serv.
295—Cox, A., Gen. Pur. Agt.
137c-Cox, A. E., Gen. Str. Kpr.
693b-Cox, C. W., Str. Kpr.
386—Cox, C. W., Sec. & Treas.
157—Cox, E. L., Asst. M. M.
1800a-Cox, F. I., Comr.
209—Cox, F. S., Trav. Eng.
697—Cox., H. J., Ch. Tariff Insp.
87a-Cox, H. L., Asst. Supt.
961—Cox, H. W., R. E. Agt.
661b-Cox, J., M. M.
137a-Cox, J. B., Loco. For.
328—Cox, J. E., Sec.
815—Cox, J. E., Aud.
927a-Cox, J. L., Asst. G. F. A.
661b-Cox, J. R., V.-Pres.
705a-Cox, J. S., Supt.
705—Cox, J. W., For.
661b-Cox, L., V.-Pres.
366, 368—Cox, L. G., Car Acct.
549—Cox, L. T., Supvr.
705, 1910b-Cox, L. W., Asst. Sec., Sec. & Treas.
549—Cox, M. F., Asst. Supt. Mchy.
705—Cox, O. W., Gen. Coal F. A.
726b-Cox, T., Aud. & Asst. to Gen. Mgr.
428—Cox, W. H., Supvr.
334—Cox, W. N., V.-Pres.
751b-Cox, W. R., Coal & Ore Agt.
995—Coykendall, E., Pres.
995—Coykendall, F., Treas.
995—Coykendall, T. C., V.-Pres.
1640b-Coyl, H. E., V.-Pres.
1040—Coyle, T. E., Supt.
58a-Coyle, V. B., Asst. Str. Kpr.
629—Coyne, O. E., Supt.
139b-Crabbe, S. W., Supt.
1039—Crabbs, W. J., Mech. Eng.
394a-Craddock, A. R., Rd. Mast.
176—Craddock, J., Str. Kpr.
166—Craddock, Z. C., Rd. Mast.
186—Craft, A., Rd. For. Eng.
927b-Craft, C. F., Gen. For.

931, 931a–Craft, E. A., Asst. to Ch. Eng.
176—Craft, E. W., Supvr. Wat. Sup
637—Crafts, D., Supt. Power Plants.
505—Crager, F., Sec. & Aud.
1001d–Cragin, J. H., Gen. Str. Kpr.
629—Crahan, J. B., Gen. For. Loco. Dept.
428—Crahen, J., Supvr.
97—Craig, A., Div. Car For.
358—Craig, C. C., V.-Pres.
1040—Craig, C. F., Asst. to Gen. Mgr
927—Craig, C. R., Gen. Pur. Agt
1001a–Craig, C. W., Asst. Div. Str. Kpr.
1682—Craig, C. W., Traf. Mgr.
137c–Craig, D. M., Car For.
697—Craig, E. J., M. M.
97—Craig, J., Supt. Car Maint.
41, 992—Craig, J. A., Frt. Clm. Agt.
927b–Craig, L. B., Jr. Eng. Maint.
629—Craig, R., Asst. Eng.
47, 239—Craig, W. J., Pass. Traf. Mgr.
58a–Craig, W. J., Dist. Boiler Insp
195a–Craine, A., Dist. Eng. M. W.
629—Craine, L., Asst. Valua. Eng.
705—Cralle, J. R., Rd. Mast.
705—Cralle, S. W., Rd. Mast.
1881—Cralley, J. T., 3 V.-Pres.
600—Cram, F., Rd. Mast.
62—Cram, W. F., Treas.
58a–Cramblitt, L., Supvr. Loco. Oper.
58a–Cramblitt, L. C., Rd. For. Eng.
195—Cramer, F. H., Asst. Brdg. Eng.
757—Cramer, J. L., V.-Pres., Treas.
428—Cramer, W. N., Supvr.
751—Cramp, S. G., Asst. Gen. Solr.
176—Crance, L. E., Supvr. Trk.
1935—Crandall, B. V., Sec. & Treas.
629—Crandall, C. L., Asst. to V.-Pres. & Gen. Mgr.
930—Crandall, E. B., Asst. G. B. A.
693b–Crandall, F. M., M. M.
36—Crandall, H. N., Gen. Mgr.
693a–Crandall, W. J., M. M.
626, 627b–Crane, C. H., Pres.
204b–Crane, E. B., Prin. Asst. Eng.
697—Crane, F. B., Sig. Maint. For.
428—Crane, J. C., Supvr.
137c–Crane, J. W., Asst. Supt.
1047—Crane, L. G., Aud. & G. F. A.
927—Crane, L. V., Asst. to V.-Pres.
1001b–Crane, W. H., M. M.
886—Cranford, R. K., Rd. Hse. For.
1952—Crapsey, J. W., Gen. Mgr.
1833a–Crapshoe, F., Comr.
549—Crapster, R. N., Rd. Mast.
382—Craswell, H. J., Loco. For.
716—Crassweller, L., Asst. Pur. Agt.
886—Cravasse, L. E., M. M.
627c–Craven, O. L., Gen. Atty.
279—Craven, R. S., Str. Kpr.
40b—Cravens, C. S., Asst. Div. Supt.
629—Cravens, W. M., Str. Kpr.
571—Craver, B. A., Supt.
716—Craver, J. E., Gen. Supt.
137c–Crawford, A., B. & B. Mast
1080—Crawford, A. A., Supt. M. P.
751b–Crawford, A. M., Asst. Supvr Tel. & Sig.
612—Crawford, C. J., Gen. Mgr.
322—Crawford, C. P., Compt.
1850b–Crawford, C. W., Chman. Gen. Com. Trans. Div.
40b–Crawford, D. K., Gen. Sig. Supvr.
137g–Crawford, D. T., Supt.
137c–Crawford, E., Supt.
244—Crawford, H. C., Pres.
393—Crawford, J., Gen. Mgr.
137c–Crawford, J. A., B. & B. Mast.
207—Crawford, J. E., Rd. Mast.
705—Crawford, J. E., Gen. Mgr.
195—Crawford, J. G., Fuel Eng.
931a–Crawford, J. M., Trav. Eng.
757—Crawford, J. S., Loco. For.
685—Crawford, M. F., M. M.
716—Crawford, M. G., Trav. C. S. A
847—Crawford, M. L., Rd. Hse. For.
549—Crawford, O., Rd. Mast.
176—Crawford, P. P., Asst. Div. Supt.
7d–Crawford, R. D., Recr.
394a, 439—Crawford, R. D., Gen Str. Kpr.
157—Crawford, S. J., Supvr. Trk.
927b–Crawford, T., Asst. Eng. Maint.
137c–Crawford, W., Supv. Eng. Men.
737d–Crawford, W. T., Sec.
886—Crawley, E. W., Sta.
497—Crawley, J. T., Gen. Solr.
176—Crawley, K. T., Mgr. Agri. & Ind. Depts.
734—Crawley, N. L., Treas.
437a–Cray, J. R., Pres.
58b–Creager, C. H., Rd. For. Eng.
47—Creasy, A. H., Str. Kpr.
97—Cree, T. J., Trk. Supvr.
58b–Creeger, A. W., Supvr. Rds.
137c, 137f—Creelman, R., Pass. Traf. Mgr.
888—Creel, C. L., M. M.
139b–Creighton, H. P., B. & B. Mast
549—Cremer, T. H., Asst. Div. M. M.
1571a–Crenshaw, C. L., Traf. Mgr
166—Crenshaw, D. H., Frt. Clm. Agt.
394a–Crenshaw, Jr., E. H., Gen. Atty.
511—Crenshaw, S. B., M. M.
24—Cress, J. F., Aud.
139—Cresswell, H. C. P., Supt.
40c–Crew, A. L., Gen. Rd. For. Eng.
751b—Crew, R. H., Supvr.
58a–Crew, W. J., For. Paint.
449—Crews, C., Supt. M. P.
428—Crews, C. H., Supvr. B. & B.
847—Crews, J., Gen. For. Car Dept
560—Crews, J. S., Asst. Gen. Mgr.
164b, 386a—Crichton, A. B., Pres.
164b–Crichton, Jr., W., Gen. Supt.
386a–Crichton, W. G., Sec., Treas., G. F. & P. A. & Gen. Mgr.
137—Crighton, W. L., Asst. Mgr. Advt. Bur.
137—Crilly, A. E., Ch. of Wage Bur
89—Crim, W. J., Rd. Mast.
999—Cripe, C. E., Treas.
1612—Crisler, W., Traf. Mgr.
277a–Crisp, V. D., Sec.
204b–Criss, A. W., Rd. Mast.
933a–Criss, C., For. Paint.
927b–Crissinger, L. C., Jr. Eng. Maint.
847—Critchell, E. F., Rnd. Hse. For
751b–Critchfield, W. P., Supvr.
58a–Crites, G. S., Div. Eng.
986a–Critz, I. C., Str. Kpr.
1074a–Crockard, F. H., Pres.
428—Crocker, D. T., Supvr.
229, 600, 693, 771—Crocker, J. N., Mgr. Mail Traf., Supvr. Mail Traf.
47—Crocker, L., Dist. Supt.
33a–Crocker, L. L., M. M.
240—Crocker, R. C., Rd. Mast
903—Crocker, W. H., V.-Pres.
428—Croft, P. H., Supvr.
1018—Crofton, G. B., Asst. G. F. & P. A.
505—Croger, F., Aud.
198, 1899a—Croll, R. B., Supt. Trans., V.-Pres.
58b–Crolley, B. F., Supvr. Loco. Oper.
693—Croly, E. H., Asst. to Frt. Traf. Mgr.
137—Crombie, D., Chief Trans.
751a–Cromleigh, G. W., For. Car Shops.
58a–Cromwell, H. T., Asst. Supt. Shops.
58—Cromwell, O. C., Asst. to Ch. M. P. & Equip.
78—Cronemiller, R. E., For. Loco. Rep.
279—Cronin, A. J., Asst. G. F. & P. A.
428—Cronin, J., Trav. Eng.
979—Cronin, J. F., Supvr. Maint.
326—Cronin, J. J., Mgr., Supt. & M. M.
66—Cronin, M., V.-Pres.
66—Cronin, P. H., Sec.
66—Cronin, T., Pres.
693b–Cronk, C. D., Asst. Sig. Eng.
757—Cronk, M. M., Asst. Supt.
1704—Cronkhite, A. C., Gen. Mgr.
933a–Cronkrite, E. L., Gen. For.
47, 719—Cronly, R. D., Asst. to V.-Pres. & Asst. Sec., Sec.
1874—Crook, C. R., Sec.
345—Crooks, C. H., Pres. & Gen. Mgr.
997—Crooks, W. B., Trav. Insp.
137a–Crookshank, A. O., Asst. Supt.
47—Croom, W. P., Rd. Mast.
359, 933a—Crosbie, R., Sec. & Compt.
137b–Crosbie, T., B. & B. Mast.
105—Crosby, E. A., Gen. Mgr.
207—Crosby, F. K., G. F. A.
137b–Crosby, J. J., Car For.
696—Crosby, P., B. & B. Supvr.
716—Crosby, R. M., Mech. Supt.
40—Croskey, C., Asst. G. F. A.
1849f—Crosland, E., Insp. Rys.
808—Crosley, A. P., Supvr.
279—Crosley, J. E., Mast. Carp.
649—Crosley, M. C., Aud. & Supt.

696—Cross, A. A., Trk. Supvr.
693a—Cross, C. W., Supvr. Apprentices.
695c—Cross, D. W., Supt. M. P
76,276—Cross, F., Sec. & Treas.
58—Cross, F. R., Asst. Gen. Atty.
141—Cross, G. W., Recr.
133b—Cross, H., Car For.
629—Cross, J., Rd. Mast.
693b—Cross, R. C., Gen. For. Eng. House.
53—Cross, W. H., Sec.
39,344a—Crossett, E. C., 2 V.-Pres., Pres.
229—Crossmeyer, W. E., Str. Kpr.
243—Crouch, R. G., Asst. Treas.
964—Crouse, G., Asst. Supt. Shops
1034—Crow, B. C., V.-Pres., Gen. Supt. & Treas.
204a—Crow, H. G., Asst. Eng.
927—Crow, J. D., Supt. Din. Cars.
391—Crow, R. D., Supt. & G. F. & P. A.
927—Crow, V. J., Div. Str. Kpr.
629—Crowder, A. F., Asst. Eng.
1582—Crowder, H. L., Traf. Agt.
137c—Crowder, L., Loco. For.
1598—Crowner, T. R., Dir. Dept. Sanit. & Surg.
757—Crowder, W. F. Gen. Car Insp
137c—Crowe, J. J., Sig. Supvr.
1021—Crowe, S. N., Div. Eng.
204a—Crowe, W. A., Asst. Eng.
809—Crowell, C. T., Pres.
751c—Crowell, F. N., Asst. Div. Eng.
696—Crowell, F. N., Air Brk. Insp.
751—Crowell, H. C., Asst. to Ch. Eng.
77—Crowell, H. P., Gen. Mgr.
809—Crowell, I. A., 1 V.-Pres.
809—Crowell, R. D., Sec., Treas. & Gen. Supt.
1076a, 1533—Crowl, W. S., V.-Pres. & Traf. Mgr., Traf. Mgr.
279—Crowley, D. F., Rd. Mast.
274—Crowley, E. E., Rd. Mast.
229—Crowley, J. 4)., Str. Kpr.
600—Crowley, J. E., Rd. Mast.
204a—Crowley, J. J., Ch Elec.
549—Crowley, M. A., Supvr.
696—Crowley, M. D., Trav. Div. Str. Kpr.
96, 201, 205a, 229, 434, 600, 693x, 693, 693c, 771, 837, 1850—Crowley, P. E., Pres., Pres. & Bd. Dir.
693a—Crowley, T. W., Div. Supt.
886—Crown, M., Div. Supt.
428—Crowson, G. M., Asst. to V.-Pres.
1656—Crowther, Jr., J. S., Gen. Supt.
927a—Croxson, E. F., Asst. Eng. Brdgs.
933a—Crozier, R. H., G. P. A.
137a—Crudge, H. J., Bldg. Eng.
705—Crueger, B. B., Supvr. Mls.
428—Crugar, E. L., Eng. Consit.
40c—Cruice, F. P., Asst. G. F. A.
705—Crull, C., For.
270—Crume, R. A., V.-Pres. & Gen. Mgr.
319—Crumlish, J. J., Sec.

487—Crump, T. H., Supt.
578—Crunden, W. M., Pres. & Treas.
628a, 628b—Crush, W. G., Pass. Traf. Mgr.
1002—Crutchfield, R. P., Treas.
97—Cruwys, W. C., Ch. Acct.
428—Crymes, T. P., Supvr.
11a—Crysdale, C. R., Asst. Eng.
139b—Cuddy, E. H., Clms. Insp.
139—Cudworth, W. O., Asst. Eng. M. W.
314—Cuff, T. F., Rd. For. Eng.
696—Cuineen, J. W., Supt.
204a—Culbertson, H. J., Div. M. M.
204a—Cull, O. T., Asst. G. F. A.
1001a—Cullen, C. T., Asst. Treas.
523—Cullen, E. J., Div. Eng.
382—Cullen, J. E., Div. Str. Kpr.
1001b—Cullen, J. F., Supvr. B. & B
1001b—Cullen, J. T., Rd. Mast.
66a—Cullen, R. J., V.-Pres.
204b—Cullen, W., Ch. Carp.
693a—Culligan, T. P., Supvr. of Trks.
1001a—Cullison, J. J., Rd. Mast.
980b—Cullom, C. J., Gen. Atty.
40a—Cullom, J. A., Gen. For.
815—Culp, C. W., Supt. Transp.
930—Culp, H. A., Asst. Div. Supt.
886—Culpepper, G. L., Asst. Insp. Strs.
137b—Culross, W., Rd. For. Eng.
159—Culver, C. W., Wks. Mgr.
96—Culver, F. L., Trk. Supvr.
757—Culver, W. R., Gen. Str. Kpr.
482, 554—Culver, W. T., V.-Pres.
40c—Culvyhouse, J. L., Rd. Mast.
176—Cumbea, B. A., Str. Kpr.
695—Cumberworth, W. W., Asst. Aud.
322a—Cummin, J. D., Asst. to V.-Pres.
344—Cummings, A. E., Supt. & Car Acct.
382—Cummings, C. H., Loco. For.
1815—Cummings, E. N., Sec.
176—Cummings, G. F., Str. Kpr.
275—Cummings, H., Rnd. Hse. For.
137a—Cummings, J. M., Rnd. Hse. For.
801—Cummings, J. P., Supt.
930—Cummings, M. A., Asst. G. F. A.
97—Cummings, W. F., Aud. & Val. Eng.
718c—Cummings, W. J., Asst. G. F. & P. A.
1598—Cummins, A. A., Treas.
1001—Cummins, J. P., Asst. to Pass. Traf. Mgr.
182—Cummins, P., Sig. Supvr.
847—Cummins, R. P., Office Eng.
157—Cummins, R. R., Rd. Mast.
979—Cundey, W. H., G. F. A.
1001a—Cundiff, W. K., Asst. G. P. A.
137c—Cunliffe, G. A., Supt.
322a—Cunnien, J., Gen. Supvr. Loco. Oper.
1021—Cunningham, B., Supvr.
137—Cunningham, C. A., Gen. Supt. Exp.
207—Cunningham, C. C., Div. Eng.

279—Cunningham, D. G., M. M.
629—Cunningham, D. W., Div. M. M.
139—Cunningham, E. A., Efficiency Eng.
1001d—Cunningham, E. E., Supt.
933a—Cunningham, E. R., Elec. Supt.
58—Cunningham, G. F., Asst. Eng
428—Cunningham, H. D., Supvr.
696—Cunningham, J. A., Supvr. Trans.
137d—Cunningham, J. H., Clm. Agt.
751b, 1905—Cunningham, J. L., Supt. M. P., 2 V.-Pres.
182—Cunningham, J. T., Car Acct
9—Cunningham, J. T., Supt. Trans.
666—Cunningham, P. E., Trk. Supvr.
322b—Cunningham, P. H., Trk. Supvr.
204a—Cunningham, R. H., Rd. Mast.
322a—Cunningham, R. M., Trk. Supvr.
872b—Cunningham, S. P., Ch. Surg.
157, 1076—Cunningham, Jr., T. M., Gen. Coun.
164—Cunningham, W., Aud.
695a—Cunningham, W. H., Asst. G. F. A.
636—Cunningham, W. P., Supt. M. P.
135, 1047—Cupp, J. E., Gen. Coun.
527—Cupp, J. F., Eng. Rdway.
489—Cupples, J. O., Supt.
930—Cupples, S. R., Rd. Mast.
966—Cure, L. E., M. M.
302, 769—Cureton, J. S., Traf. Mgr.
139—Curle, W. H., Gen. Solr.
1928—Curlett, W. S., Asst. to Chman.
763—Curley, J. J., Sec.
990a—Curley, M., Gen. Supt.
629—Curley, W. A., Div. M. M.
936—Curran, C. E., Sec. & Treas.
395—Curran, J. T., Rd. Mast.
207—Curran, J. W., Rd. For. Equip
58c, 935—Curren, W. G., Gen. Mgr.
799—Currie, A. L., Sec. & Gen. Supt.
139a—Currie, F. N., B. & B. Mast.
693a—Currie, H. A., Asst. Elec. Eng.
139g—Currie, R. D., Rd. Mast.
696—Currier, A. F., Asst. to Mgr. Trans.
695b—Curry, F. A., Asst. G. F. A.
96—Curry, H. J., Supt.
990a—Curry, J. E., Treas.
930—Curry, M. J., Asst. to Exec. V.-Pres.
1608—Curson, C. F., Traf. Mgr.
98—Cutaz, C. J., Treas.
1046—Curtin, H. B., Pres.
133—Curtis, C. A., Gen. Mgr.
204, 1850g—Curtis, D. C., Ch. Pur. Off., V.-Chman.
504b—Curtis, D. G., Pres.
176—Curtis, E., Str. Kpr.
58—Curtis, E. D., Asst. Gen. Live Stk. Agt.
62—Curtis, E. F., Frt. Clm. Agt.

207—Curtis, F. J., For. Paint Shop.
619—Curtis, F. W., Div. Supt.
279—Curtis, F. W., Supvr. Safety & fire Prev.
1700—Curtis, G. D., Gen. Mgr.
139—Curtis, G. W., Ind. Comr.
62—Curtis, J. H., Supt.
1071—Curtis, J. L., M. M.
59—Curtis, L. G., Ch. Eng.
632—Curtis, S., G. P. A.
751b—Curtiss, G. W., Asst. Div. Supt.
696—Curtiss, G. W., Asst. Div. Eng.
1826—Curtiss, J. E., Sec.
194—Curtiss, T., Supt. Trans.
693a—Curtiss, W. L., Mech. Eng. Ex. Zone.
40c—Curto, P. P., Div. For.
600—Cusack, F. H., Asst. G.F.A.
683—Cushing, D.T., Asst. Treas.
139—Cushing, E. C. P., Pur. Agt.
1009b—Cushing, G. W., Traf. Mgr.
1074—Cushing, H. C., Aud.
751—Cushing, W. C., Eng. Stands.
229d—Cushman, T. A., Gen. Mgr., Treas. & Pur. Agt.
771—Cusick, R. B., Supvr.
398—Cusson, W. E., G. F. A.
186—Custer, C. R., Asst. G. P. A.
440—Custer, R. J., Eng. Ways Structures.
1040—Cutcheon, F. W. M., V.-Pres.
751a—Cuthbert, A. B., Div. Supt.
137b—Cuthbert, A. D. W., Asst. Eng.
724—Cuthbertson, R. E., Sec.
716—Cutler, T. J., Mech. Supt.
837—Cutler, W. O., Supt. Tel.
757—Cutliff, W. A., Loco. For.
549—Cutter, H. B., Aud.
982a—Cutter, M. B., Pres.
207—Cuyler, G. W., M. M.
275—Cyphers, W. T., Tie & Timber Agt.
195a—Cyr, E. J., Asst. Div. M. M.
195a—Cyr, J. W., Supt. M. P.
616a—Cyr, P., M. M.
204a—Czamanske, A., Ch. Carp.
204a—Czamanske, O. H., Ch. Carp.
382—Czock, J., Dist. Rd. Mast.

D

629—Dabner, G., Gen. For. Loco. Dept.
828—Dabolt, F. P., Gen. Mgr.
817—Da Camara, H. G., V.-Pres., Gen. Mgr. & G. F. & P. A.
933a—Dachwald, L. F., Str. Kpr.
137b—Dadswell, W., Car. For.
186—Daehn, W. J., Rd. Mast.
139g—Daem, J., Rd. Mast.
600, 984—Daeschner, W. J., Aud.
605—Dafoe, C. E., Gen. Supt. & G. F. & P. A.
693a—Dager, G. D., Supt.
849f—Dagger, F., Supvr. Tel. Systems.
349—Daggett, F. D., Asst. G. P. A.
62—Daggett, F. H., Supt. C. S.
63—Daggett, H. W., Asst. Gen. Mgr. & G. F. A.
931a—Daggett, S. S., Rnd. Hse. For.
382—Dahl, C., Asst. Mast. Carp.
693a—Dahl, J. W., Supvr. Trk.
58a—Dahlem, J. G., Asst. Str. Kpr.
1001a—Dahlstrom, H. R., Supvr. Sig.
16—Dahlstrom, J., M. M.
47—Dail, G. L., Rd. Mast.
183—Dailey, D. H., Asst. to Gen. Mgr.
930—Dailey, E. B., Eng. Car Constr.
183—Dailey, M., Gen. Mgr. & Traf. Mgr.
757—Dailey, M., Rd. For. Eng.
705—Dailey, R. E., Supvr. B. & B.
693a—Dailey, T. J., Supvr. Trk.
207—Daily, C. B., M. M.
1021—Daily, T., Supvr.
275—Daily, W. J., Asst. G. F. A.
716—Dakin, E. T., Gen. Aud.
1032—Dakin, F. L., V.-Pres.
342—Dale, A. R., Gen. Str. Kpr.
83—Dale, D., Supt.
545, 970—Dale, Jr., J. R., Ch. Surg
751a—Dale, L. E., Div. Eng.
1001b—Dale, W. C., Staty. Boiler Insp.
440—Dale, W. M., Sec. & Treas.
275—Daley, E. F., Asst. to Supt. M. P. & E.
693b—Daley, J. J., Asst Div. Supt.
439—Daley, J. W., Asst. Frt. Traf. Mgr.
1076—Daley, R. M., Gen. Solr.
697—Daley, W. W., M. M.
1858b—Dalgleish, R. H., 2 V.-Pres.
137a—Dalgleish, R. P., Str. Kpr.
751c—Dally, B. H., G. F. A.
159—Dally, F. M., Gen. For. Loco. Rep.
137, 137e—Dalrymple, J. E., V.-Pres.
186—Dalstrom, O. F., Eng. Brdgs.
195—Dalton, H. G., Asst. Eng. Bldgs.
139—Dalton, H. J., Aud.
493, 705a—Dalton, J. F., G. F. & P. A.
616—Dalton, R. A., Rd. For. Eng.
137g—Dalton, W. A., Rd. For. Eng.
186—Dalton, W. H., Asst. to Pres.
322b—Daly, G. J., Trk. Supvr.
716—Daly, M. A., Gen. Fuel Supvr.
164—Daly, M. M., Sec.
774a—Dambach, C. O., Gen. Supt.
693b—Dambrow, A. F., Trav. Str. Kpr.
137b—Damers, P. E., Asst. Supt.
186—Dammon, H. K., Eng. Hse. For.
97—Damon, R. T., Gen. Clm. Agt.
808—Dampman, C. P., Supvr. Fuel Cons.
1258—Damron, D., Traf. Mgr.
40—Dana, C. C., Asst. Frt. Traf. Mgr.
1858d—Dana, E., 2 V-Pres.
136—Dana, E. O., Pres. & Treas.
1001a—Dana, W. H., Asst. G. F. A.
135a—Danaher, J., Pres.
180—Dancy, M. W., Asst. G. F. & P. A.
1021—Danes, J. E., Dist. Eng.
964—Danford, F. D., Office Eng.
274—Danforth, F. L., Aud.
600—Danhof, Jr., J. J., Asst. Gen. Atty.
42—Daniel, A. D., Pass. Traf. Mgr.
371—Daniel, A. D., Aud. & Local Treas.
157—Daniel, E. H., Supt. Trans.
342—Daniel, F. A., Rd. For. Eng.
1530—Daniel, F. A., Traf. Mgr.
927a—Daniel, J. H., Trk. Supvr.
47—Daniel, J. W., Dist. Supt.
886—Daniel, R. W., Asst. G. F. A.
204a—Daniels, A., Dist. Eng.
371—Daniels, A. D., Aud. & Local Treas.
47—Daniels, G., Rd. Mast.
58a—Daniels, G. V., Supvr. Rd.
1001c—Daniels, J., Rd. For. Eng.
629—Daniels, J. W., Supt.
751—Daniels, O. V., Gen. Str. Kpr.
628b—Daniels, R., Asst. G. F. A.
824—Daniels, S. E., Supt. Mach.
875—Daniels, W. G., Treas.
437—Daniels, W. J., Sec. & Treas.
40a—Danneberg, F. J., Gen. For.
964—Danner, G. W., Asst. Aud.
303b—Danner, J. M., Car Acct.
1023—Danner, J. M., V.-Pres., Gen. Mgr., Sec. & Pur. Agt.
1021—Dant, J. S., Supt.
625b—Dantzler, A. F., Pres.
428—Danvers, G. H., Trav. Eng.
207—Danvers, W. E., Rd. For. Equip.
279—Darby, G., Div. Eng.
1837—Darby, J. P., Sec.
139, 1865—D'Arcy, W. H., Gen. Clm. Agt., Pres.
666—Darden, C. M., Mech. Eng.
847—Darden, F. M., Gen. For. Car Dept.
47—Darden, T. F., V.-Pres.
886—Darden, W. L., Sr. Asst. Eng.
815—Dare, C. E., Eng. M. W.
279, 821—Darling, A., Clm. Agt.
1863a—Darling, C. L., Sec.
137c—Darling, H., Loco. For.
58b—Darling, W., Rd. For. Eng.
751a—Darlington, R. L., Asst. Supvr. Tel. & Sig.
115—Darlow, A. M., V.-Pres. & Gen. Mgr.
115—Darlow, E. R., Pres.
395—Darnell, A. T., Rd. Mast.
67—Darnell, F. M., Asst. Gen. Mgr.
67—Darnell, H. A., Gen. Mgr.
87—Darnell, J., M. M.
67—Darnell, R. M., G. F. A.
751b—Darrah, C. B., Asst. Supvr. Tel. & Sig.
123—Darrow, A. J., Sig. Supvr.
1892—Darrow, B. E., V.-Pres.
930—Darrow, B. O., Sig. Supvr.
195b—Darrow, F. T., Asst. Ch. Eng.
186—Darrow, G., Rd. Mast.
707—Darrow, T. A., Supt. Trans.
47—Darrow, W. B., Supt. Trans.
428—Dartt, J. F., Aud.
437c—Daschbach, J. J., Str. Kpr.
428—Daubs, R. G., For. Paint.
847—Daugherty, J., Div. Rd. Mast.
632—Daugherty, W. Q., M. M.
751a—Davall, H. J., Supvr.
195b—Davenport, C. O., M. M.
751c—Davenport, F. B., For. Car Paint.
176—Davenport, J. D., Gen. For.

735,1889—Davenport, J. E., Supt., V.-Pres.
695c—Davey, F. G., Rd. Mast.
439—Davey, J. E., V.-Pres., Asst. Sec. & Asst. Treas.
716—Davey, J. J., Gen. Boiler Insp.
927a—David, L., Trk. Supvr.
629—David, L. A., Gen. Supt.
616—Davids, W. B., Treas.
359, 933a—Davidson, A. J., Gen. Mgr.
1021—Davidson, C. B., Supt.
180—Davidson, C. R., Asst. G. P. A.
137c—Davidson, D. S., Rd. Mast.
47—Davidson, E., Asst. G. F. A.
186—Davidson, G. M., Ind. Eng.
675a—Davidson, H. A., Str. Kpr.
487—Davidson, J., Str. Kpr.
705—Davidson, J. C., Eng. Elec. Trac.
628a, 628b—Davidson, J. H., Water Eng.
751b—Davidson, J. K., Mast. Carp.
137c—Davidson, J. M., Div. Eng.
1598—Davidson, J. W., Dist. Supt.
989a—Davidson, N. M., Sec. & Treas.
549—Davidson, O. F., Asst. Div. Supt.
207—Davidson, R. C., Asst. G. F. A.
137c—Davidson, R. C., Rd. Mast.
705—Davidson, S. P., Supvr. B. & B. & Rd. Mast.
428—Davidson, W., Gen. Str. Kpr.
629—Davidson, W. A., Asst. Eng.
1001a—Davidson, W. A., Rd. Mast.
395—Davidson, W. A., Gen. For. B. & B.
137g—Davidson, W. R., Asst. Gen. Mgr.
716—Davies, A. J., Live Stk. Agt.
1820—Davies, D. F., Ch. Acct.
1516a—Davies, G., Pur. Agt.
455—Davies, H. M., Aud.
516—Davies, J., Gen. Mgr. & Aud.
314—Davies, J. B., Asst. G. F. A.
137—Davies, J. G., Dist. Supt.
959a—Davies, J. L., Sec. & Treas.
605—Davies, J. R. W., Ch. Eng.
619—Davies, R. E., Asst. to Pres.
229—Davies, R. F., Asst. Gen. Aud.
176—Davies, W. A., For. Car Dept.
1021—Davies, W. H., Supt. Air Brks
274, 799, 1060a—Davies, W. H., Treas.
1703—Daviet, W. C., V.-Pres.
176—Davin, H. A., Asst. Div. Supt.
176—Davin, J. W., Asst. Supt. Trans.
771—Davin, W. E., Asst. Rd. Mast.
751—Davis, A. C., Asst. Wks. Mgr.
775—Davis, A. G., Sec. & Aud.
322a—Davis, A. J., Supt. Shops.
63—Davis, A. L., Elec. Eng.
428—Davis, A. L., Prin. Asst. Eng.
930a—Davis, A. T., Frt. Clm. Agt.
836—Davis, A. W., Str. Kpr.
275—Davis, B. H., Rd. For. Eng.
110—Davis, B. J., Supt.
176—Davis, B. V., Div. Eng.
47—Davis, C. H., Gen. Atty.
275—Davis, C. I., Str. Kpr.
354a—Davis, C. J., Treas.
47—Davis, C. M., Frt. Traf. Mgr.
930—Davis, C. O., Rd. Mast.
563—Davis, C. T., Asst. Rd. Mast.
186—Davis, D. M., Asst. G. F. & P. A.
593—Davis, D. W., M. M.
1002—Davis, E., Car Acct.
1055—Davis, E. A., Treas.
123, 811—Davis, E. D., G. F. A.
58a—Davis, E. F., Gen. For. Car Dept.
1693—Davis, E. K., Traf. Mgr.
751—Davis, E. M., Asst. Gen. Coun.
879b—Davis, E. R., Mgr.
927a—Davis, E. S., Asst. Eng. M. W.
139d—Davis, F., Trans. Asst.
259—Davis, F. C., Asst. Gen. Pur. Agt.
751c—Davis, F. D., Gen. Supt. Trans.
697—Davis, F. H., Rd. For. Eng.
1808—Davis, F. H., Coun.
149—Davis, F. L., Sec., Aud. & Gen. Mgr.
705—Davis, G., Rd. Mast.
314—Davis, G. G., Ch. Surg.
139c—Davis, G. H., Asst. Dist. Eng.
46—Davis, G. S., Supvr. Sig.
204b—Davis, H. C., Rd. Mast.
92a—Davis, H. D., Gen. Atty.
435—Davis, H. G., Sec.
428—Davis, H. R., Supvr.
927b—Davis, H. T., Trk. Supvr.
40—Davis, H. W., Gen. Atty.
1544—Davis, H. W., Gen. Traf. Mgr.
930—Davis, J., Rd. For. Eng.
751b—Davis, J., Supvr.
629—Davis, J., Div. Eng.
1598—Davis, J. A., Dist. Supt.
382—Davis, J. D., Loco. For.
1001b—Davis, J. F., Asst. Supt.
1001c—Davis, J. E., Asst. G. F. A.
413—Davis, J. E., M. M.
58—Davis, J. H., Ch. Eng. Elec. Traction.
428—Davis, J. H., Asst. Eng.
616a—Davis, J. H., Pur. Agt.
920—Davis, J. J., M. M.
751—Davis, J. J., Gen. Shop For.
314—Davis, J. J., Asst. Eng.
741, 790—Davis, J. M., Pur. Agt.
882a—Davis, J. M., Aud.
204a—Davis, J. M., Asst. G. F. A.
275, 1850—Davis, J. M., Pres., Dir.
751a—Davis, J. N., Mast. Carp.
204—Davis, J. N., Comer. Coun.
153, 1911—Davis, J. P., Eng. M. W., & V.-Pres.
1081—Davis, J. P., Supt. Trans.
1469a—Davis, J. R., Traf. Mgr.
382—Davis, J. R. W., Ch. Eng.
705a—Davis, J. S., Trk. Supvr.
927b—Davis, J. T., Trk. Supvr.
1029a—Davis, J. V., V.-Pres. & Gen. Mgr.
964—Davis, J. W., Dist. Rd. Mast
655a—Davis, L. D., G. F. & P. A.
945—Davis, L. D., G. F. & P. A.
428—Davis, M. B., Supvr.
751—Davis, M. J., Asst. Eng.
1002—Davis, M. L., Gen. Str. Kpr.
693c—Davis, M. L., Shop Supt.
1051—Davis, N., Rd. Mast.
424—Davis, N. E., Res. Eng.
58—Davis, N. F., Asst. Aud.
629—Davis, O., Supvr. Water Serv.
737f—Davis, O. P., Supt.
665b—Davis, R. C., Supt.
705a—Davis, R. G., Trk. Supvr.
306—Davis, R. H., Rd. Mast.
682—Davis, R. N., Aud.
40, 625a, 899—Davis, R. S., V.-Pres. Pres. & Gen. Mgr., V.-Pres. & Gen. Mgr.
817—Davis, R. W., Ch. Eng.
229—Davis, S. K., Rd. For. Eng.
306d—Davis, S. V., Sec. & Treas.
685—Davis, T. B., V.-Pres.
930—Davis, T. M., For. Paint.
47—Davis, T. W., Gen. Soir.
987—Davis, W., V.-Pres.
123—Davis, W. B., Clm. Agt.
930—Davis, W. C., Rd. For. Eng.
1538a—Davis, Wm. G., Traf. Mgr.
697—Davis, W. H., Mech. Eng.
749—Davis, W. H., Sec.
693a—Davis, W. P., M. M.
751c—Davis, W. R., M. M.
137b—Davis, W. S., Loco. For.
739a—Davis, W. W., Pur. Agt. & Str. Kpr.
361—Davison, G. W., Pres.
424—Davison, G. W., Supt. Power & Lines.
229—Davison, H. H., Supvr. Trk.
137c—Davison, J. E., Dist. Eng.
621—Davison, J. H., Eng. B. & B.
472—Davison, O. M., Supvr. Wage & Work Agree.
500—Davitt, J. J., Gen. Supt.
58a—Dawley, H. A., Dist. Bridge Insp.
751b—Dawson, A. J., Asst. to Gen. Sup. Trans.
1216a—Dawson, B. D., Traf. Mgr.
808—Dawson, E. F., Res. Eng.
273—Dawson, F. N., Sec., Treas. & Supt.
632—Dawson, H. C., Sta.
726c—Dawson, I. H., Aud.
930—Dawson, J. B., Asst. Div. Eng
600—Dawson, O., Rd. Mast.
139e—Dawson, R., Mast. B. & B.
58b—Dawson, V. N., Dist. Str. Kpr
693b—Dawson, W. A., Supvr. Sig.
705—Dawson, W. R., Asst. to Gen. Mgr.
930—Dawson, W. S., Asst. G. F. A.
137—Dawzy, C. W., Dist. Supt.
467—Day, C. W., M. M.
693a, 693b, 693c—Day, D. A., Supt. Car Serv.
1010—Day, E. L., Pres.
655—Day, F., Pres. & Gen. Mgr.
47, 549—Day, H. G., Asst. to Chman.
310—Day, I. W., Treas.
751—Day, J. C., Gen. Shop For.
695a, 695b—Day, J. H., Asst. G. F. A.
428—Day, R. D., Supvr.
737f—Day, T. J., Frt. Traf. Mgr.
751b—Day, T. R., Insp. Sig.
1040—Day, W. H., Rd. Mast.
137c—Daynes, L. S., Div. Eng.
718c—Dayton, A. W., Gen. Str. Kpr
751b—Dayton, J. C., Supvr.
137g—Dayton, W. L., Supvr. Sig.
40c—Daze, W., Rd. For. Eng.
275—Deagan, C. J., Rd. For. Eng.
137a—Deagle, J., Car For.

808—Deal, Sr., A. W., Air. Brk Insp.
927b—Deal, F. D., For. Paint.
927a—Deal, R. A. M., Asst. Eng. Maint.
927a—Deal, T. W., Supvr. B. & B.
737a—Dean, E. L., Asst. Supt.
305a—Dean, G. W., Car Acct.
357—Dean, H. H., Gen. Coun.
472—Dean, H. S. Supt. Term.
716—Dean, J. S., Asst. Div. Supt.
62—Dean, O. L., Gen. In-p. M. P.
328—Dean, O. W., Sec. & Aud.
796, 1599—Dean, R., Pres., V.-Pres.
964—Dean, T. O., Supt. Scales.
771—Dean, W. A., Sig. Supvr.
62—Dean, W. C., M. M.
930—Deane, T. A., Rd. Mast.
757—Deaner, F., Loco. For.
1001a—Dearborn, M. T., Rd. Mast.
628b—Dearing, E. C., Str. Kpr.
626, 627b—Dearing, F. H., Sec. & Treas., Treas.
428—Dearing, J. W., Supvr.
629—Dearth, E. T., Rd. Mast.
322—Dearworth, C. W., Div. Str. Kpr.
751—Deasy, J. F., Asst. Ch. Trans.
1001d—Deatherage, C. S., Sig. Supvr.
1829a—de Bacca, F. C., Clerk.
470—De Bernardi, A., V.-Pres.
931—De Blanc, St. D. J., Treas.
886—Debnam, W. M., Div. Str. Kpr
930—DeBord, J. H., Supvr. B. & B.
1015a—de Brabant, M., V.-Pres.
927b—De Butts, H. A., Asst. Supt.
45—de Butts, S., Supt.
428—DeCamp, R. P., Asst. Coal Traf. Mgr.
47—De Coursey, W. C., Str. Kpr.
432a—Decker, J., Rd. Mast.
1076c—Decker, W. E., Treas. & Asst. Sec.
1803—De Coto, E. W., Comr.
705—Dee, W. H., Gen. For.
670—de Echagaray, J. S., Div. Supt.
751—Deery, J., Asst. to Pur. Agt.
808—Deeter, D. H., Div. M. M.
413—Deevers, L. R., Aud.
1293—De Foe, G. J., Traf. Mgr.
14—De Forge, J. A., Str. Kpr.
930, 931, 931a—DeForest, H. W., Chman. Exec. Comm.
286—De Frain, L., Rd. Mast.
847—DeFries, A. C., Div. Str. Kpr
549—De Funiak, E. A., Frt. Traf. Mgr.
415—De Garmo, F. B., Gen. Mgr.
229e—Dege, C. F., Gen. Supt.
332—DeGer, B. W., Eng. W. S.
599b—Degener, O. H., Sec. & Treas.
314—DeGette, H. M., Frt. Clm. Agt
394a, 439, 964—DeGersdorff, C. A., Gen. Atty., Gen. Coun.
186—Degnan, J., Rd. For. Eng.
137c—De Grace, G. A., Loco. For.
272a, 974, 1040—DeGraff, D. C., Gen. Aud.
695b—DeGrief, F. J., Gen. Supt.
198—De Groodt, B. J., Asst. G. F. A
1800a—DeGroot, Jr., E. H., Dir. Bur. Sig. & Train Control Div.
751—de Hart, W. P., Works Acct.
144—Dehon, T., G. F. A.
217, 978—Dehore, C. T., Sec.
670—De Hoyos, F. P., Gen. Agt.
1001d—Deigert, E. F., Asst. G. P. A
209—Deighton, J., For. Paint.
382—Deighton, T., Div. Rd. Mast.
600—Deimling, J. F., Ch. Eng.
442—Deininger, H. W., Gen. Supt.
994—Deitlin, F. E., Aud.
751a—Deitrich, J. C., For. Car Shops.
394a—Deitz, H. W., Asst. M. M.
716—De Lambert, G. M., Rd. Mast.
229—Delamater, B. E., Asst. Div. Eng.
24a—De Lamotte, O. J., Gen. Supt. & Traf. Mgr.
137c—Delamour, J. P., Car For.
180—Delaney, D., Sta.
751c—Delaney, D., Supvr.
259—Delaney, J., Supt. M. P.
275—Delaney, T., For. Rnd. Hse.
204b—Delaney, W. L., Gen. Car For.
47, 166—Delano, L., V.-Pres.
608—Delany, J. R. K., Sec. & Treas.
670—de Larrea, R. L., Div. Eng.
625b—De Lashmet, T. L., Sec. & Treas.
670—de la Torre, E., Frt. Agt.
670—De La Vega, D. S., Aud.
9—De la Vergne, F., Asst. Surg.
58b—Delawder, F., Asst. Str. Kpr
298—Delf, A. E., Compt.
204a—Dell, H. F., Div. Str. Kpr.
956b—Dell, J. M., Ch. Surg.
931a—Dell, R. E., Rd. Mast.
754a—Deller, J. N., Traf. Mgr.
696—Dellert, W. H., Div. M. M.
502—Dellmin, T. D., Supt.
198—Delo, C. G., Ch. Eng.
986—De Loach, J. T., Sec.
58b—Delong, C. F., Supvr. Rds.
97—De Lorien, A. S., Asst. B. & B. Supvr.
670—del Paso, A., Asst. to Ch. Eng.
186—Deltgen, M. J., Rd. Mast.
670—del Valle, E., Gen. Coun.
132a—Demaray, C. H., Recr.
751c—Demarest, T. W., Gen. Supt. M. P.
379—Demeke, J. A., Traf. Mgr.
157—DeMeritt, E. B., Sig. Eng.
97—Demeritt, J. J., Aud.
799—Demers, J. A., Gen. Acct.
157—Deming, J. H., Supvr. Sig.
40, 395—Deming, L. C., Compt., Asst. Sec.
716—Demmer, P. L., Rd. Mast.
696—DeMore, G. A., Trk. Supvr.
46—DeMoyer, J. W., Div. Eng.
1—Dempsey, G. F., Traf. Mgr.
207—Dempsey, H. T., Rd. For. Equip.
137e—Dempsey, J. L., Asst. G. F. A.
47—Dempsey, R. R., Rd. Mast.
207—Dempsey, T. A., Supt. Din. Cars.
693b—Dempsey, T. W., Supvr. Trk.
204a—Dempsey, W. H., Asst. Div. M. M.
8—Dempster, G., M. M.
540, 625a—Demsey, R. T., Sec. & Treas., V.-Pres. & Treas.
706—De Navarro, A., V.-Pres.
87, 395a—De Neefe, R. E., Compt.
1692—Denell, H. D., Traf. Mgr.
886—Denham, J. C., Gen. For. Loc. Dept.
322a—Deniff, M., Trk. Supvr.
1051—Denison, R. F., Gen. Atty.
685—Denkmann, F. C., Pres.
229e—Denman, B. J., Pres.
137—Denman, R. W., Asst. Treas
645a—Dennee, G. F., For. Paint.
507—Dennett, P., For. Paint.
695, 695a, 695b, 1873—Denney, C. E., V.-P. & Gen. Mgr., Memb.
1843—Denney, J. C., Dir.
139—Dennis, J. S., Ch. Comr. Colonia. & Devel.
1457—Dennis, L., Traf. Mgr.
318—Dennis, M. S., Pur. Agt.
693c—Dennis, R., Gen. For.
137c—Dennis, R., Rd. Mast.
681—Dennis, W., Supt.
521—Dennis, W. O., Insp. M. W
229—Denny, L. M., Supvr. Track.
186—Deno, A. H., Supvr. B. & B.
523—Dent, A., Rd. For. Eng.
549—Dent, J. K., Asst. G. F. A.
847—Denton, F. A., Div. Rd. Mast.
58—Denton, H. L., Gen. Supt. Police.
562—Dentzer, E. G., Supt.
204a—Denz, L. J., Ch. Carp.
678—De Ore, J. C., Trk. For.
632—DeOrnellas, L. A., Asst. Aud.
693—Depew, C. M., Ch. of Board.
930—Depew, F. H., Rd. Mast.
632—De Pew, R. L., Asst. G. F. A.
204—Deppe, J. A., Asst. M. C. B.
322c—Depue, G. T., Mech. Supt.
1800—de Quevedo, M. G., Com. Atty.
927a—DeRamus, L. F., Supt.
472, 962—Deramus, W. N., Supt.
40a—Derby, G. G., Div. Supt.
176—Derbyshire, G. J., Gen. Supt.
434—Derner, H. F., Gen. For. Car Dept.
774a—Derr, A. I., Asst. to V.-Pres. & Gen. Mgr.
977—Derr, C. A., Asst. Eng.
159, 808, 1853—Derr, S. W., Supt. Din. Cars, V.-Pres.
198—Derr, W. L., Land & Tax Comr.
705—Derrick, J. R., Asst. Div. Supt.
619—Derrick, S. W., Div. Supt.
716—Derrig, J. T., Dist. Eng.
204a—Dersch, H., Trav. Eng.
693—Dervin, J. P., G. F. A.
539—DesAnges, H. L., Eng. Float. Equip.
139—Des Brisay, N. R., Asst. G. P. A.
137e—Deschenes, E., Compt.
139g—Deshamais, E., Rd. Mast.
137b—Desjardins, E. L., Supt.
428—Desmond, J. J., Rd. Mast.
207—Desmond, P. J., Rd. Mast.
180—Detrick, E. B., Rd. For. Eng.
866—Detrick, G. F., Pres.
278—Detrick, H., M. M.
523—Detrick, H. M., Rd. For. Eng.
279—Deuel, E. W., Asst. Supt.
1031b—Deuterman, J., Div. Supt.
695c—Devaney, T., M. M.
123—Devans, E. J., Gen. Supt.

751—Develin, R. G., Asst. Eng. Brdgs.
137b—Devenish, W. R., Gen. Supt.
59—DeVeny, F. S., Supt.
970—Devereaux, D. D., Rd. Mast.
58—Deverell, F. A., Asst. Compt.
611a—Devereux, E. A., Supt.
58, 59, 890—Devereux, E. M., Treas.
751a—De Vilbiss, E. B., Supt. M. P.
137a—Devine, A., M. M.
860, 860a—Devine, H. G., Asst. Pur. Off.
1009a—DeVine, J. H., Gen. Coun.
629—Devine, T. H., Gen. Atty.
186—Devine, W. J., Gen. Air Brk. Instr.
696—Devlin, A. J., Supvr. Bonus & Prod.
204a—Devlin, F. E., Div. Supt.
549—Devney, M., Div. Supt.
737—De Vries, J. L., Sec.
531—Dew, F. I., Aud.
137e—Dewart, H. M., Pur. Agt.
549—Dewberry, J. M., Gen. Coal & Coke Agt.
757—Dewees, A. R., Div. Eng.
1080—Dewees, J. D., V.-P. & G. M.
523—Dewey, B. F., Milk Agt.
234, 349—Dewey, D. D., Supt. Din. Cars.
93—Dewey, E. H., Pres.
47, 719—Dewey, E. M., Supt. Car Serv.
1925c—Dewey, F. E., Chman.
930—Dewey, W. H., Aud.
229—Dewey, W. L., Asst. G. F. A.
47—DeWitt, J., Supvr. Mail & Exp. Traf.
604—Dewitt, I. P., Supt.
1082—DeWitt R. H., Pres.
576—Dewitt, W. B., V.-Pres.
575—DeWitt, Jr., W. H., V.-Pres. & Gen. Mgr.
967—De Wolf, S. W., V.-Pres. & Gen. Mgr.
139f—De Wolfe, J. A., Asst. Supt.
629—DeWoody, E. C., Str. Kpr.
137b—Dewsberry, J. T., Loco. For.
139c—Dey, V. A. G., Div. Eng.
751a—Dey, W., Mast. Carp.
1—Dezern, J. A., Rd. Mast.
1007—Diaz, A. S., Sec.
692x—Dibble, C. C., Gen. Supvr. Strs.
693b—Dibble, W. A., Supvr. Trk.
808, 1850—Dice, A. T., Pres., Mem. Comm. on Nominations.
808—Dice, Jr., A. T., Div. Supt.
40b—Dice, F. E., Rd. For. Eng.
176—Dice, J. C., Asst. to V.-Pres.
137g—Dick, G. F., M. M.
58—Dick, H. B., Asst. Valua. Eng
182—Dick, H. T., Gen. Solr.
137c—Dick, J. C., Loco. For.
204a—Dick, M. M., Dist. Gen. Car For.
428—Dick, W. C., Gen. For. Loco. Dept.
180—Dickens, A. H. For. Loco. Rep
279, 821—Dickenson, E. R., Gen. Aud.
327a—Dickerson, B. S., Eng. M. W.
159—Dickerson, F. T., Sec. & Treas.
159—Dickerson, T. B., Supt. Loco. Shops.
157—Dickert, C. L., Supt. M. P.
927a—Dickert, D. C., Rd. For. Eng.
860—Dickey, H. A., Asst. Supt.
108—Dickie, G. A., M. M.
204—Dickie, J., Asst. Treas.
382—Dickinson, A. J., Pass. Traf. Mgr.
751a—Dickinson, B. F., Insp. Sig.
505—Dickinson, C. C., V.-Pres.
82—Dickinson, F. W., M. C. B.
186—Dickinson, H. E., Gen. Supt.
137b—Dickinson, T., Loco. For.
82—Dickinson, T. R., Div. Str. Kpr.
907—Dickinson, W. F., Gen. Solr.
886—Dickle, S. D., Rnd. Hse. For.
207—Dicks, W. H., Rd. Mast.
678—Dickson, A. G., Pres.
428—Dickson, G. F., Supt.
137a—Dickson, G. L., Elec. Eng.
359, 933a—Dickson, J., Supt. M. P.
778—Dickson, J. D., Recr.
180—Dickson, S. A., Asst. Supvr. Fuel & Lubrication.
58—Didier, P., Prin. Asst. Eng.
439—Diehl, H., Sig. Supvr.
1071—Diehl, O. S., Pow. Pl. Eng.
632—Diehl, W. J., Pur. Agt.
693a—Diehr, V. P., M. M.
1619a—Dier, J. E., Traf. Mgr.
234—Dier, J. W., Asst. Gen. Atty
968a—Dierks, D. V., Chman Bd.
282, 968a—Dierks, F. H., Gen. Mgr.
282, 968a—Dierks, H., Pres., V.-Pres.
282—Dierks, H., Pur. Agt. & Treas.
282, 968a—Dierks, H., Chman Bd., Pres.
282—Dierks, H. L., Sec.
1704—Dierks, J. A., Asst. Treas.
204, 1850h—Dietrich, C. H., Frt. Clm. Agt., Chman.
938—Dietrich, F. J., Operator.
195b—Dietrich, J., M. M.
629—Dietrick, W. R., Asst. Eng.
978—Diets, R. H., Gen. For. Car Shops.
1001d—Diffenbaugh, C., Rd. For. Eng.
428—Dignan, J. F., Supt.
186—Dike, C. T., Eng. Maint.
716—Dildine, E. E., Supt. Tel.
751c—Dildine, E. E., Gen. For. Loco. Rep.
808—Dilkes, Jr., C. E., Asst. R. E. Agt.
847—Dillard, G. E., Rd. For. Equip.
927a—Dillard, T. L., Tr. Supvr.
808—Dillenbeck, C., Asst. Ch. Eng.
628a—Dillen, R. L., Str. Kpr.
549—Dilley, W. O., Div. Supt.
41—Dilling, R. M., Str. Kpr.
1838—Dillman, R. L., Coun.
137e—Dillon, E., M. M.
629—Dillon, M. J., Rd. Mast.
382—Dillon, P., Car For.
149c—Dillon, W. W., Aud.
207—Diltz, C. S., Rd. Mast.
875, 876—Dilworth, R. G., Gen. Coun.
7c—Dimmick, J. P., Gen. Mgr. & Treas.
204a—Dimmitt, H. G., Div. M. M.
619—Dimond, S. D., Ch. Elec.
693a—Dinan, D. W., Asst. Gen. Mgr.
523—Dinan, E., Supvr.
523—Dinan, J., Supvr.
377—Dindinger, L. A., Treas.
137c—Dineen, D., Rd. Mast.
147—Dingler, D., Pres. & Gen. Supt.
147—Dingler, I., V.-Pres.
424—Dingley, F. W., Treas.
847—Dingman, C. H., Trav. Loco. Insp.
386—Dingman, L. M., Supt.
432, 851—Dings, P. C., V.-Pres. & Treas., Treas.
930—Dinkel, P., Gen. Sig. Insp.
123, 811—Dinkey, J. F., Treas. & Aud
695a, 695b, 695c—Dinnen, J. M., Ch. Surg.
217—Dinsmore, F. F., Gen. Coun.
200—Dinsmore, L. W., Asst. Eng. M. W.
930—Dinwiddie, J. B., Rd. Mast.
984—Disher, H. H., Pur. Agt.
36a—Dishman, E. B., Pres.
137b—Disney, C. P., Brdg. Eng.
274—Ditmore, A. G., Div. Car For.
274—Ditmore, G. W., M. C. B.
554—Ditt, D., Sec. & Compt.
771—Dittman, G., Gen. For. Loco. Dept.
695a, 695b—Dittoe, W. P., Pur. Agt.
619—Dittrich, A. C., Gen. Mech. Insp.
751a—Diven, J. B., M. M.
140a—Diver, H. M., Asst. Supt. & Eng.
1844—Divine, J. J., Chman.
1065—Divine, M. W., Gen. Mgr.
176—Divine, W. L., For. Frt. Agt.
964—Dix, L. E., Fuel Supvr.
948—Dix, P. D., Sec. & Treas.
259—Dixon, E. T., Aud.
137c—Dixon, F., Rd. Mast.
229—Dixon, G. C., Tie Treat. Insp.
751—Dixon, G. D., Asst. to Pres.
137c—Dixon, H. A., Ch. Eng.
398—Dixon, J., Treas.
331—Dixon, J. E., Mech. Supt.
619—Dixon, J. P., Rd. Mast.
329—Dixon, L. L., Gen. Mgr.
629—Dixon, W., Asst. Dist. Str. Kpr.
204—Dixon, W. B., G. P. A.
58a—Dixon, W. J., Asst. M. M.
260, 950—Doak, M. A., Compt.
1925c—Doak, W. N., V.-Chman.
956—Doane, J. J., Asst. to G. P. A.
166—Doar, F. M., Gen. Supt.
705—Doarnberger, J. A., Mast. Boiler Maker.
628b—Dobbins, D. C., Supt.
835—Dobbins, R. O., Asst. Gen. Mgr.
47—Dobbins, T. B., Gen. For.
930—Dobbs, F. N., Div. Str. Kpr.
234—Dobecki, W. F., Aud.
696—Dobson, A., Sig. Supvr.
207—Dobson, C. R., Gen. For. Car Dept.
751a—Dobson, F. L., M. M.
86—Dobson, S. G., V.-Pres.
927a—Dobyns, W. T., Trk. Supvr.
280—Dodd, A. F., Treas.
157—Dodd, A. M., Supvr. B. & B.

453—Dodd, J. A., Rd. Mast.
1001c—Dodd, J. C. M., Aud.
600—Dodd, M., Rd. Mast.
1700—Dodd, W. H., Gen. Mgr. Transp.
274—Dodds, G., Elec. Eng.
137c—Dodds, H., Car For.
1938—Dodge, A. S., Mgr.
696—Dodge, E. R., Asst. Gen. Bag., Mail & Exp. Agt.
562—Dodge, H. E., Sec. & Treas.
580—Dodge, H. L., Pur. Agt.
137g—Dodge, J., Supvr. Trk.
428—Dodge, J. W., Supt. Fuel Conserv.
1889—Dodge, J. W., Pres.
58—Dodge, L.C., Ch. Brdg. Draft.
860a—Dodson, C. S., Rd. Mast.
1001c—Dodson, H. E., Supvr. B. & B.
288b—Doe, C. W., V.-Pres. & Treas.
176—Doebler, C. H., Asst M. M.
1001a—Doerr, C. H., Gen. For. Loco. Dept.
58a—Doggett, A. L., Asst. G. F. A.
350, 847—Doggrell, J. H., Supt. Trans.
600—Dohany, J. W., Gen. Atty.
695b—Doherty, E. H., Gen. Supt. Shops.
724—Doherty, H. L., Pres.
600—Doherty, J., Rd. For. Eng.
600—Doherty, F., Rd. Mast.
275—Doherty, R. A., Str. Kpr.
656, 1050—Dohm, L. R., Treas., Treas. & Aud.
1885—Dohoney, J. P., Ch. Bur. Accidents.
198—Doig, A. J., Rnd. Hse. For.
528—Dolan, J. L., Rd. For. Eng.
186—Dolan, W. H., Div. Supt.
192—Dolch, A. S., Traf. Mgr.
9—Dole, C. E., Gen. Pur. Agt.
63—Dole, E. M., Treas.
629—Dollar, J. Y., Rd. Mast.
1006—Dolman, J. E., Sec.
695b—Dolph, J. R., Gen. For. Eng. Hse.
670—Dominguez, P., Frt. Clm. Agt.
275—Dominick, W. H., G. P. A.
97—Donagan, O. A., Gen. Str. Kpr
815—Donahoe, J. L., Supvr.
180—Donahoe, M., Gen. Supvr. Maint.
58a—Donahoe, T. F., Gen. Supvr. Rd.
600—Donahue, D. W., Supt.
209—Donahue, F., Rd. Mast.
693a—Donahue, T., Div. Gen. For. Car Dept.
1911—Donahue, T. F., Sec.
931a—Donahue, W., Gen. For.
1679b—Donaldson, B. E., Traf. Mgr.
137e—Donaldson, C. E., Supvr. B. & B.
1694a—Donaldson, C. E., Traf. Mgr.
382—Donaldson, H., Trav. Eng.
123—Donaldson, T. C., M. M.
528—Donaldson, W. L., Gen. Frt. Traf. Mgr.
737d—Donegan, E. P., Asst. Treas.
886—Donegan, E. W., Rd. Hse. For.
14a—Donegan, F. M., Supt.
186—Doner, E. W., Asst. Div. Supt
182—Doney, E. B., Dist. Str. Kpr.
382—Dongan, H. K., Asst. Gen. Aud.
1001c—Donley, H., Supvr. B. & B.
930—Donnatin, C. F., Div. Supt.
274—Donnellan, J. F., M. M.
373, 605, 716—Donnelly, C., Pres., V.-Pres., Pres.
139c—Donnelly, C., Rd. Mast.
209—Donnelly, E. A., Asst. G. F. A.
619—Donnelly, J. B., Aud.
917—Donnelly, J. E., Sec. & Treas.
931a—Donnelly, J. P., Rnd. Hse. For.
629—Donny, W. H., Asst. G. P. A.
549—Donohue, J. J., Gen. Clm. Atty.
351—Donovan, A. G., 2 V.-Pres. & Gen. Mgr.
1006—Donovan, F., Aud.
1051—Donovan, F. A., Str. Kpr.
523—Donovan, J. F., Div. Eng.
9—Donovan, J. J., Rd. Mast.
771—Donovan, J. J., Gen. For. Loco. Dept.
696—Donovan, J. J., Gen. Loco. For.
209—Doody, F. L., Aud.
696—Doolan, J. F., Asst. Supt.
693a—Dooley, F. A., Rd. For. Eng.
619—Dooley, F. E., Aud.
617a—Dooley, M. J., Gen. Mgr.
181—Dooley, T. F., Gen. Frt. At.
927b—Dooley, W. H., M. M.
1001a—Doolin, E. J., Aud.
97—Dooling, J. H., Asst. Trk Supvr.
629—Doolittle, J. M., Tie & Timber Agt.
234—Doolittle, R. H., Clm. Agt.
176—Doome, E., Str. Kpr.
314—Doorley, C. H., Supt.
693a—Doorly, J. M., Eng. Impts.
40a—Doran, J., Asst. Gen. Boil. Insp.
773—Doran, J. H., Rd. Mast.
471—Doran, N. S., Aud.
180—Doran, S. F., Div. Str. Kpr.
1001c—Doran, W. T., M. M.
797—Dorchester, C. B., Asst. Treas
1483—Dore, E. E., Sec. & Treas.
382—Dorety, F. G., Gen. Solr.
314—Dorland, A. G., Asst. Eng.
629—Dorley, A. F., Asst. Eng. M. W.
1022—Dorr, F. L., Asst. Eng.
696—Dorrance, W. T., Des. Eng.
304—Dorris, J. D., Gen. Coun.
47—Dorsett, M. H., Asst. G. F. A.
394a—Dorsey, A. M., Rd. Mast.
778—Dorsey, E. W., Gen. For.
629—Dorsey, F., Rd. Mast.
875—Dorsey, F. B., Traf. Mgr.
274—Dorsey, J. C., Div. Eng.
523—Dorshimer, C. H., Asst. Rd. For. Eng.
696—Dorward, O. F., Sig. Supvr.
1378—Dorward, W. C., Traf. Mgr.
930—Doss, F. L., Div. Str. Kpr.
47—Doss, R. J., Gen. Frt. Agt.
58a—Dotson, C. F., Rd. For. Eng.
1039—Dotson, F. R., Rd. For. Eng.
693a—Doty, C. E., Supvr. Trk.
198—Doty, R. M., Scale Supvr.
278—Doty, W. A., Sec. & Aud.
195b—Double, C. E., Rd. Mast.
1295, 1354—Double, H. E., Traf. Mgr.
195a—Double, R., Rd. Mast.
610—Dougherty, G. C., Traf. Mgr
275—Dougherty, G. E., M. M.
693—Dougherty, J. C., Ch. Fuel Insp.
154—Dougherty, J. E., Rd. For. Eng.
696—Dougherty, P., Trk. Supvr.
693—Dougherty, R. E., Eng. Asst. to V.-Pres.
198—Dougherty, R. O., Trk. Supvr.
549—Dougherty, T. A., Supvr.
315—Doughton, R. A., V.-Pres.
275—Doughty, M. H., Div. Eng.
139—Douglas, A. C., Pur. Agt.
207—Douglas, A. W., Asst. Supt. Tel.
616a—Douglas, B. K., G. F. A.
41—Douglas, F. W., M. M.
369—Douglas, F. W., M. M.
540—Douglas, H. A., Maint. Eng.
1041—Douglas, I. J., Gen. Mgr.
139—Douglas, J. A., Elec. Eng.
166—Douglas, J. C., Str. Kpr.
1051—Douglas, J. H., M. C. B.
58b—Douglas, L. H., Mast. Carp.
176—Douglas, V. T., Supvr. Trk.
600—Douglas, W. C., Asst. Frt. Traf. Mgr.
931a—Douglas, W. E., Gen. Clm. Agt.
40c—Douglas, W. F., Sig. Supvr.
563—Douglass, D. C., V.-Pres. & Gen. Mgr.
912—Douglass, H. H., Sec. & Aud.
395—Douglass, J. S., Gen. Clm. Agt.
629—Douglass, T. W., Sig. Supvr.
771—Doulin, W. M., Treas.
204—Dousman, B. A., Gen. Acct.
294a—Dow, F. C., Div. Supt.
382—Dow, H. G., Asst. G. F. A.
322—Dow, T. W., Gen. Air Brk. Insp.
1654, 1654a—Dowd, C. F., Traf. Mgr
498—Dowdall, G. G., Ch. Surg.
176—Dowdy, E. R., Asst. M. M.
573—Dowell, R. G., Sec. & Treas.
32a, 426a, 546a, 573, 663—Dowell, S. H., Sec. & Treas., Asst, Sec. & Asst. Treas.
930—Dower, D. W., Sig. Supvr.
693—Dowie, E. J., Asst. G. F. A.
206, 207—Dowlin, M. J., Asst. Gen. Frt. Agt.
382—Dowling, J. J., Supt. M. P.
696—Down, A. R., Aud.
428—Downard, T. S., Supvr. B. & B
1375a—Downer, C. F., Traf. Mgr.
751b—Downes, J. R., Supt. of Frt. Trans.
903—Downes, R. H., Pres.
176—Downey, F. B., Gen. For. Loco. Dept.
412—Downey, G. F., Pres.
139g—Downey, P., Rd. Mast.
58b—Downey, W., Supvr.
472—Downie, F. D., Gen. Bag. Agt.
621—Downie, M. W., Aud.
191—Downing, D., Str. Kpr.

204a—Downing, G. O., Asst. Sig. Supvr
299—Downing, I.S., Gen. M.C.B.
751c—Downing, W. C., Supt.
428—Downs, J.L., Dist. Eng.
629—Downs, J. P., Div. M.M.
600—Downs, J. T., Supt. R. S.
157—Downs, L. A., Pres.
837—Downs, M., Asst. Supvr. Trk.
693a—Downs, W., Gen. Supt. Shops
150—Dows, S. C., Gen. Mgr.
150, 956, 1076b—Dows, W. G. Pres., V.-Pres., Pres.
7a—Doyle, C. S., Ch. Clm. Agt.
183—Doyle, E. J., Treas.
55—Doyle, F., M. M.
195b—Doyle, J., Rd. For.
274—Doyle, J. A., B. & B. Mast.
629—Doyle, J. G., Str. Kpr.
1030a—Doyle, J. J., Pres.
382—Doyle, J. M., Div. Supt.
428—Doyle, M., Supvr.
912—Doyle, N. A., Pres.
137b—Doyle, P., B. & B. Mast.
626—Doyle, R., Asst. Gen. Mgr.
647—Doyle, T. E., For. Paint Shop
751c—Doyle, T. L., Div. Eng.
413—Doyle, V. H., Asst. Eng.
1002—Dozier, R. M., Pres.
150—Drabelle, J. M., Mech. & Elec. Eng.
739—Drake, E. A., V.-Pres.
40b—Drake, I. H., Gen. For.
229—Drake, J. F., Supvr. B.& B.
927, 927a—Drake, J. H., Asst. Sec., G. F. A.
847—Drake, R. E., Ch. Tie & T. Insp.
427a—Drake, S. A., Pres.
969—Drake, T. E., Car Acct.
376—Draper, B. H. B., Pres.
697—Draper, C. A., Pur. Agt.
1846—Draper, C. L., Comr.
428—Draper, F. O., Supt. Brdgs.
428—Draper, S.C., Supvr. B. & B.
716—Draper, S. H., M. M.
751a—Drawbaugh, E. L., For Car Shops.
886—Drawdy, R. A., Rd. Mast.
204a—Drawheim, C.A., Rd. Mast.
55—Dreiman, R. N., Gen. Aud.
523—Dreisbach, R. D., Fuel Insp
628b—Drennan, E., Str. Kpr.
58b—Drennan, J., Supvr. Rd.
905—Dresback, J.E., Aud. & Supt.
549—Drescher, L. L., Asst. to V.-Pres.
879b—Dresser, W. H., Supt.
137b—Drew, H., Supvr. Sig.
629—Drew, J. G., V.-Pres.
1001d—Drew, L. P., Brdg. Eng.
1042—Drewel, W. H., Pres.
428—Drewry, J. E., Supt. Tel.
195b—Driggs, J. B., Asst. G. F. A
139—Dring, H.G., Eur. Pass. Mgr.
279—Drinkard, J. B., For. Paint.
521—Drinker, E. W., Frt. Clm. Agt
927—Driscoll, D. E., Aud.
716—Driscoll, D. M., Asst. Div. Supt.
176—Driscoll, E. C., Gen. For.
322—Driscoll, F. E., Purchs'r.
551—Driskell, H., Trk. Supvr.
695e—Driver, L. E., Eng.
696—Droege, J. A., Gen. Mgr.
176—Droste, F. W., Asst. Eng.
176—Drumeller, L. J., Asst. Div. Eng.
696—Drummond, A. A., Asst. Aud
428—Drummond, C., For. Paint.
847—Drummond, G. J., Sig. Supvr.
40a—Drury, E., Gen. For. B.& B.
204a—Drury, E.G., Asst. Rd. Mast.
1849—Drury, H. A., Asst. Ch. Eng.
741, 790a—Drury, W. M., V.-Pres., Gen. Mgr.
137—Dryburgh, W., Gen. Insp. Strs.
58—Dryden, G. H., Prin. Asst. Sig. Eng.
137a—Dryden, H.B., Rnd. Hse. For.
58b—Dryden, H. M., Sig. Supvr.
58c, 935—Dryden, W.L., Sig. Supvr., Supvr. Sig. Tele. & Telo.
137g—Drye, A. C., Gen. Air Brk. Insp.
549—Duane, D. J., Asst. Aud.
549—Duane, E. J., Aud.
751a—Duane, F., Eng. M. W.
232—Dubberly, W. A., V.-Pres.
428—Dubbs, T. L., Supt.
949—Du Belle. C. S., Treas.
608—Dubois, E. L., Asst. Treas. & Pur. Agt.
139b—Dubois, H., Rd. Mast.
751a—DuBosque, F. L., Supt. M.P.
1848—Dubuc, A. E., Ch. Eng.
1323—Duck, G. M., Gen. Mgr.
1858a—Duck, J. J., Pres.
428—Duckett, G., Gen. For. Loco. Dept.
1040—Duckworth, C., Supvr. B.& B.
394a, 439, 629—Duckworth, J. R., Asst. G. F. A.
58—Dudderar, W. B., Asst. Aud.
195b—Duddie, I. L., Gen. For.
675a—Duddleson, T. J., Supt.
677a—Dudder, E., Supt. M. P.
176—Dudley, A. M., Gen. Coal Frt. Agt.
204—Dudley, A. S., Tax Comr.
204, 204b—Dudley, F. M., Gen. Atty
331—Dudley, H. L., Pres.
1030b—Dudley, J., V.-Pres.
334—Dudley, R. L., Gen. Mgr.
58—Dudley, W. J., Supt. Relief Dept.
751—Duer, J. V. B., Elec. Eng.
1023—Duff, H. M., Asst. Sec. & Asst. Treas.
137b—Duff, J. H., Asst. Supt.
139—Duff, M. McD., Mgr. Steamers.
137b—Duff, O., Asst. Supt.
1821—Duff, R., Comr.
1023—Duff, R. C., Pres.
930a—Duff, T. A., Aud.
137—Duff, W. A., Eng. Stands.
439—Duff, W. R., M. C. B.
245—Duffey, E., Pres.
207—Duffy, C. M., Asst. Sig. Eng.
275—Duffy, D., Rd. Mast.
637—Duffy, J. A., Supt. R. S.
523—Duffy, J., Asst. to Pres.
40c—Duffy, J. B., G. P. A.
781—Duffy, J. E., Pres.
97—Dufort, S. E., B.& B. Supvr.
682—Dufour, H. G., Pres.
693—Dugan, A. D., Exec. Asst. to V.-Pres.
493, 705a—Dugan, C. P., Supt. Trans.
692x—Dugan, C.R., Asst. to V.-Pres.
92, 143—Dugan, G. H., V.-Pres.
1833—Dugan, J. B., Sec.
58—Dugan, J. P., Gen. Bag. & Milk Agt.
930—Duggan, T., Rd. Mast.
886—Dughi, J. J., Div. Str. Kpr.
751a—Duke, A. W., Supvr.
302—Duke, B. N., Pres.
632, 927—Duke, J. B., Gen. Aud.
275—Duke, N., Gen. Frt. Traf. Mgr.
276—Duke, O., V.-Pres.
1030b—Duke, W. B., Pres.
815—Duke, W. D., Gen. Mgr.
204—Dukes, C. M., Asst. to Ch. Oper. Off.
1919—Dulaney, E. H., Chman.
649—Duley, C. P., G. F. & P. A.
207—Dulin, J., Rd. Mast.
186—Dumas, A. L., Div. Str. Kpr.
931a—Dumas, E. D., Sig. Supvr.
47—Dumas, T. L., Dist. Supt.
629—Dunaway, C. H., Supt.
927b—Dunaway, W. J., Supvr. B. & B.
927b—Dunaway, W. T., Trk. Supvr
97—Dunbar, A. P., Str. Kpr.
539—Dunbar, C. F., Trk. Supvr.
137a—Dunbar, F. R., Str. Kpr.
927a—Dunbar, M. O., Supt.
58b—Dunbar, R., Asst. Str. Kpr.
804a—Dunbar, W. C., Recr.
860—Duncan, A., Rd. Mast.
182, 1855—Duncan, E.L., Mgr. M.& B. Traf., Sec. & Treas.
40a—Duncan, H. M., Div. Supt.
195—Duncan, H. R., Insp. Strs.
931a—Duncan, J., Rnd. Hse. For.
345—Duncan, J., M. M.
530—Duncan, J., Pres.
545—Duncan, J. L., Str. Kpr.
18—Duncan, J. M., Asst. Sec.
1076b—Duncan, J. S., V.-Pres.
395—Duncan, K. B., Dist. Eng.
927a—Duncan, M., Trk. Supvr.
47—Duncan, R. H., M. M.
18—Duncan, W. M., V.-Pres.
530—Duncan, W. M., V.-Pres.
1051—Duncan, W. M., Chman. Bd.
886—Dunford, V. H., Gen. Mast. Boil. Mkr.
195b—Dungan, W. H., Rd. For.
705—Dunglinson, Jr., G., Mgr. Fuel Dept.
382—Dunham, C. A., Supt. Sig.
176—Dunham, H. L., Gen. Clm. Agt.
186—Dunham, W. E., Supt. Car Dept.
381a—Dunhill, J., Treas.
716—Dunkerley, W. E., M. M.
322b—Dunkle, H. O., Gen. Agt. Coal & Ore Traf.
81—Dunkle, S. K., Supt.
40c—Dunlin, J.G., Div. Str. Kpr.
931a—Dunlap, C. K., Traf. Mgr.
94—Dunlap, I.H., Sec. & Treas.
94—Dunlap, J. H., V.-Pres.
274—Dunlap, J. P., Sig. Supvr.
1839—Dunlap, P., Comr.
1800—Dunlap, R. C., Treas.
628a—Dunley, R. C., Dist. Eng.

137c–Dunlop, E. C., Rd. Mast.
139e–Dunlop, W. H., Rd. Mast.
751a–Dunn, A. C., Rd. For. Eng.
629—Dunn, B. J., Rd. For. Eng.
1872—Dunn, B. W., Ch. Insp.
417—Dunn, F. J., Sec. & Coun.
137b–Dunn, G.C., Asst. to Ch. Eng.
322a–Dunn, G. L., Tr. Supvr.
666—Dunn, G. T., Gen. For. Car Dept.
956b–Dunn, J. C., Aud. & Supt. Trans.
695b–Dunn, J. H., Rd. Mast.
176—Dunn, M. I., Asst. Div. Eng.
217—Dunn, N. P., Asst. Supt. Trans.
1703—Dunn, W. B., Sec.
808—Dunn, W. R., Div. Eng.
228—Dunnebacke, M. J., M. M.
1848—Dunning, C. A., Minister.
927a–Dunning, J. H., Gen. For. Car Rep.
927a–Dunning, J. W., Gen. For. Car Rep.
382—Dunnum, C., Car For.
139g–Dunphy, A. A., Asst. Supt.
757—Dunphy, J., Asst. G.P.A.
139e–Dunphy, K. A., Div. Eng.
549—Dupont, B. E., Div. M. M.
743—DuPont, J. E., V.-Pres.
137b–Dupuis, L. C., Div. Eng.
67—DuQuesnay, R.Y., Traf. Mgr
751b–Durben, E. W., Supvr.
123—Durfee, A. C., Asst. Treas.
186—Durfee, T. H., Supvr. B. & B
432—Durfee, W. T., Asst. Gen. Aud.
600—Durham, C., Rd. Mast.
555, 970—Durham, E. C., V.-Pres., Gen. Mgr. & Treas.
629—Durham, Jr., E. M., Asst. to Pres.
1051—Durham, G., V-Pres. & Gen. Mgr.
1858b–Durie, D., 1 V.-Pres.
131—Durkin, H., Aud.
886—Durkin, J., Gen. B. Insp.
695a, 695b, 695c—Durkin, J. F., Asst. Supt. Trans.
275—Durkin, J. J., Str. Kpr.
931, 931a–Durland, J. L., Eng. Water & Fuel Serv.
604—Durland, W. R., Aud.
322b–Durtsche, H. E., Gen. Loco. Insp.
346, 979a–Dustin, A. C., Pres.
706—Dutcher, W. H., Pur. Agt.
930—Dutton, F. D., Rd. Mast.
886—Dutton, S. M., Div. Supt.
628a–Dutton. W. H., Eng. Sig. Constr.
466—Duvall, H. J., Recr.
801—DuVall, G. J., Rd. Mast.
137a–Duxbury, W. H., Rnd. Hse. For.
186—Dwiggins, H., Rd. Mast.
1020a–Dwight, J. W., Pres.
97—Dwinell, G. W., Str. Kpr.
868—Dwinnell, W. S., V.-Pres.
58a–Dwire, A. E., Supvr. of Rd.
705a–Dwyer, J., Supt. M. W.
186—Dwyer, J. J., Rd. Mast.
956b–Dwyer, J. L., Car Acct.
964—Dwyer, J. R., Rd. For. Eng.
629—Dwyer, R. H., Supt.
751a–Dwyer, W. J., For. Paint Shops.
428—Dyer, A. F., Asst. Eng.
186—Dyer, J. A., Div. Eng.
860a–Dyer, J. D., Rd. For. Eng.
40b–Dyer, J. E., Asst. to Gen. Mgr.
930—Dyer, J. H., Gen. Mgr.
705—Dyer, R. H., Gen. Car Insp.
345—Dyer, S. R., Gen. Solr.
365—Dyer, W. H., Supt. M. P.
927b–Dyke, H. E., M. M.
322a–Dyke, R. L., Div. Eng.
204—Dynes, O. W., Gen. Solr.
931—Dysert, C. W., Mech. Eng.
58b–Dyson, C. H., Asst. Fuel Agt.
1029—Dyson, J. R., Pres.
549—Dyson, W. O., Asst. Supvr. B. & B.

E

58a–Eadre, R. E., Supvr. Rd.
956b–Eads, I., M. M.
549—Eads, I. C., Supvr.
432—Eagan, E. L., Rd. Mast.
1021—Eagan, F., Fuel Supvr.
123—Eagan, J. T., Rd. For. Eng.
137c–Eager, A. H., Gen. Supt. M. P. & Car Equip.
137c–Eagleson, J., Rd. Mast.
137c–Eagleson, W. A., Rd. Mast.
321—Eakin, J. W., Sec. & Treas.
321—Eakin, P. E., Pres. & Supt.
176—Eakin, W. H., Rd. For. Eng.
204a–Ealy, T. A., Rd. Mast.
7a–Earhart, C. E., Sig. Eng.
1802—Earhart, H., Comr.
930—Earl, E. E., Rd. Mast.
964—Earl, H. D., Gen. Supt.
139e–Earl, J. F., Asst. Supt.
807—Earle, E. P., Pres.
58a–Earle, W. R., Gen. For. Loco. Dept.
279—Earley, H. J., Asst. G.F.A.
1021—Early, G. G., G. F. A.
330—Earnshaw, J. H., Pres.
1682a–Earp, A. S., Traf. Mgr.
666—Easley, R. A., Trk. Supvr.
137b–East, E. F., Rd. For. Eng.
241a–East, J. E., Gen. Supt.
428—East, J. L., Car Acct.
186—Easte, A. M., Rd. For. Eng.
176—Eastin, E. J., Supvr. Trk.
1800a–Eastman, J. B., Chman.
978—Eastman, L. E., Sec.
382—Eastman, W., Dist. Rd. Mast.
137g–Eastman, W. R., Asst. G.P.A
1021—Eastman, W. R., Asst. Gen. Aud.
553—Easton, F. S., Treas.
930—Easton, F. W., Rd. Mast.
930—Easton, G. A., Gen. Scales Insp.
751b–Eathorne, A. L., For. Car Shops.
437b–Eaton, C. L., Gen. Supt.
563—Eaton, G. H., Frt. Traf. Mgr.
1625—Eaves, T. A., Traf. Mgr.
847—Eaves, W. L., Gen. For. B. & B. & W. S.
382—Ebbighausen, E. L., Trav. Eng.
58—Ebe, R. A., Gen. Live Stock Agt.
207—Ebeck, J., Rd. For. Equip.
6—Eberhard, L. M., Supt.
693a–Eberhardt, G. W., Supvr. Trk.
751—Eberle, W. F., Gen. For
58—Eberly, G. F., Asst. Maint Eng.
695—Eberly, R. G., Asst. Treas.
886—Eberly, R. H., Asst. G.F.A.
931, 931a–Eberspacher, R., Sig. Insp
1282, 1600a–Ebert, G. W., Traf. Mgr
655a–Eccles, J. M., Pres.
945—Eccles, L. R., Pres.
1009a–Eccles. R., Sec. & Treas.
655a, 945—Eccles, W. J., Asst. Pur. Agt., Sec., Treas. & Asst. Pur. Agt.
1009b–Ecenrod, G., Car Serv. Agt.
705—Echard, G. W., Rd. Mast.
654a–Echols, A. B., Pres.
927b–Echols, G. H., Asst. Eng. Maint.
927—Eck, W. J., Supt. Sig. & Elec. Dept.
980—Eckard, F. R., Supt.
751a–Eckel, A. E., For. Car Shops.
751b–Eckels, A. B., Rd. For. Eng.
860, 860a—Eckels, A. L., Trav. Str. Kpr.
218a–Ecker, F. H., V.-Pres.
47—Ecker, G. B., G. P. A.
274a–Eckert, H. G., Asst. Sec. & Aud.
37—Eckert, M., Asst. Aud.
394a, 818, 942—Eckert, M., Gen. Aud., Aud.
808—Eckert, W. F., Div. Supt.
715—Eckroad, E. D., Gen. Supt. W. & S.
1051—Eckroate, W. H., M. M.
157—Ector, W. L., Str. Kpr.
1598—Eddings, T. J., Dist. Supt.
40b–Eddington, W. C., Gen. For.
108—Eddy, A. C., Eng. Way.
681b–Eddy, C. B., V.-Pres.
97—Eddy, F. H., Supt. Shops.
275—Eddy, W. H., Rnd. Hse. For.
629—Edelman, C. H., Sig. Supvr.
547, 547a–Edenborn, W., Pres.
313—Edgar, C. V., Pres.
210, 273, 430, 737—Edgar, W. B., Pur. Agt.
994—Edgar, W. G., Dist. Rd. Mast.
1034—Edgar, W. M., Car Acct.
88a–Edge, A. E., Aud.
632—Edgell, T. S., Div. Str. Kpr.
198—Edgerton, Jr., H. H., Asst. Eng.
137b–Edgley, G. R., Supt.
123—Edick, A. V., Frt. Clm. Agt.
1001c–Edmonds, A. S., Asst. Traf. Mgr.
608—Edmonds, C. S., G.F.&P.A.
274—Edmonds, G. S., Supt. M.P.
171—Edmonds, W. T., Gen. Supt.
808—Edmondson, W. G., Asst. Eng. M. P.
137g–Edmondson, W. H., Asst. to Gen. Mgr.
693a–Edmonson, G. N., Div. Eng.
705—Edmondston, A. A., Asst. Rd. For. Eng.
322b–Edmunds, E. J., Div. Supt.
1915—Edmunds, F. W., Sec. & Treas
278a–Edmunds, W. H., Gen. Mgr

394a–Edrington, L. M., Aud.
227—Edson, A. W., Treas. & G. F. A.
35,472,962—Edson, J. A., V.Pres., Pres.
359, 933a–Edwards, E., Pur. Agt., Pur. Agt. & Gen. Str. Kpr.
779—Edwards, E. W., Pres.
40b–Edwards, F. E., Asst. to Gen. Mgr.
892a–Edwards, G. C., Mast. Carp.
1598—Edwards, G. H., Dist. Supt.
329—Edwards, G. J., Aud. & Treas.
44—Edwards, H. P., Gen. Mgr. & Pur. Agt.
58a–Edwards, J., Asst. Eng. M. W. & Struct.
42—Edwards, J. L., Asst. to Recr.
930—Edwards, J. P., Asst. Div. Eng.
44—Edwards, N. M., Aud.
725b–Edwards, R. J., V.-Pres.
1850k–Edwards, R. W., Dist. Mgr.
664, 930, 930a—Edwards, T. O., Gen. Aud.
927b–Edwards, W. J., Asst. to Gen. Mgr.
1999—Edwards, W. J., Mgr.
58—Edwards, W. R., Asst. Maint. Eng.
984—Eedson, J. M., Frt. Clm. Agt.
25—Eells, B. W., Aud., Asst. Sec. & Asst. Treas.
137c–Egan, A. C., Compt.
693a–Egan, A. M., Supvr. Trk.
58—Egan, C. W., Gen. Clm. Agt.
787a–Egan, G., Aud. & Pur. Agt.
693a–Egan, J. E., Supvr. Trk.
697—Egan, J. J., Supvr. Trk.
696—Egan, J. P., Supt. Car Insp. & Maint.
279—Egan, Thos., Rd. Mast.
279—Egan, T., Rd. Mast.
159—Egan, T. H., Trk. Supvr.
716—Egbers, G. F., M. M.
1429—Eggbert, C. J., Traf. Mgr.
58b–Eggers, W. A., Asst. Gen. Solr.
195a–Eggert, C., Rd. Mast.
204a–Eggert, H., Ch. Carp.
632—Eggerton, W. H., Asst. G. F. A
186—Eggleston, F., Rd. Mast.
808 –Eggleston, H. D., Rd. For. Eng.
198—Eggleston, H. H., Bridge Supvr.
726b–Egly S. L., Gen. Atty.
55—Egolf, J. F., Gen. Mgr.
242—Ehlers, A. H., Gen. Supt.
625—Ehlers, C., Aud.
199—Ehlers, D. J., Aud.
693a–Ehmke, E., For. Paint. Loco. Dept.
560—Ehney, W. S., Frt. Clm. Agt.
629—Ehrlich, C. F., Asst. Eng.
229—Eibbing, A. J., Supvr. Strs.
186—Eicholtz, H. M., Asst. Gen Mgr.
137g–Eick, F. B., Str. Kpr.
681, 1021—Eidson, M. M., Gen. Car Acct.
195b–Elker, W. H., Dist. Eng.
964—Elland, J. A., Dist. Rd. Mast.
726—Eller, G. W., Sec. & Aud.
204a–Elmerson, S., Trav. Eng.
1021—Eisele, H., Asst. Supt. Loco. Dept.
322b–Elsele, R., Sig. Supvr.
322—Eisenhauer, G., Elec. Eng.
82—Ekey, J. S., Supvr. Struct.
58, 59—Ekin, J. J., Compt.
137e–Eklund, K. A., Gen. For. Loc. & Car Depts.
137c–Eklund, K. J., Gen. Loco. For.
718c–Eklund, O. E., Ch. Surg.
549—Elam, R. M., Supvr.
628a–Elam. W., Ch. Timber Insp.
693c–Elberson, C. V., For. Paint.
159—Elder, A. H., Gen. Solr.
204a–Elder, A. J., Div. Supt.
139, 139e–Elder, F., Frt. Clm. Agt.
204—Elder, J., Supvr. Air Brk.
426—Elder, J. D., Aud.
600—Elder, J. D., Div. Eng.
58—Elder, S. M., Lumb. Agt.
40a–Eldridge, B. A., Div. M. M.
563—Eldridge, C. T., M. M.
182—Eldridge, H. H. Frt. Clm. Agt.
816—Eldridge, Jr., W. T., V.-Pres.
816—Eldridge, W. T., Pres.
428—Eldridge, W. T., Supvr.
139—Eley, E., M. C. B.
979a–Eley, K. C., Car Acct.
619—Eliason, G., Rd. Mast.
42—Elkin, W. S., Ch. Surg.
58b–Elkins, C. R., Asst. Supt. Trans.
92a–Elkins. J., M. M.
439—Elledge, L. M., Asst. Eng.
204a–Ellefson, J., Sig. Insp.
413—Elleman, E. W., Rd. For. Eng.
1837—Ellerbe, E. R., Comr.
1001a–Ellerbush, H. L., M. M.
523—Ellerman, P. A., Supt. Din. Car Serv.
718c–Ellicott, H. W., Treas. & Gen. Pur. Agt.
693—Elliman, A. W., Cashr.
1216—Ellingson, J. W., Traf. Mgr.
204—Ellington, J. C., R. E. Agt.
964—Ellington, O. F., Gen. Clm. Agt.
927a–Ellington, R. F., Rd. For. Eng.
816—Ellington, W. A., Gen. Aud.
931a–Elliot, J. F., Asst. Aud.
350—Elliott, C. L., Rd. Mast.
137b–Elliott, E. C., G. P. A.
1054—Elliott, F. C., Pres.
382—Elliott, F. S., Gen. Supt.
629—Elliott, F. S., Scale Insp.
195b–Elliott, G., For. Wat. Serv.
47—Elliott, G. B., V.-Pres. & Gen. Coun.
696—Elliott, G. P., Asst. Eng.
716, 1850, 1873a—Elliott, H., Chman., Memb. Rd. of Dir. Chman.
428—Elliott, J. A., Gen. For. Loco. Dept.
1800b–Elliott, J. H., Memb. Com.
980—Elliott, J. M., Gen. Coun.
229—Elliott, L. B., Div. Eng.
847—Elliott, L. E. Water Eng.
927a–Elliott, R. B., Rd. For. Eng.
716—Elliott, R. J., Pur. Agt.
156—Elliott, R. L., Supt.
549—Elliott, R. O., Supvr. B. & B.
705—Elliott, S. H., Asst. Rd. For. Eng.
217—Elliott, T., V.-Pres.
705—Elliott, V. E., Str. Kpr.
693a–Elliott, W. H., Sig. Eng.
847—Elliott, W. I., Div. Rd. Mast.
1880—Elliott, W. P., Pres.
141a–Ellis, Jr., A. C., Gen. Coun.
428—Ellis, B. C., Asst. Eng.
1451—Ellis, C. B., Gen. Traf. Mgr.
980—Ellis, C. W., Sig. Insp.
692x–Ellis, D. S., Asst. Eng. M. P.
176—Ellis, E. C., Gen. Pass. Car Insp.
89—Ellis, E. E., Land & Tax Comr.
229—Ellis, E. F., Supvr. Sig.
847—Ellis, F., Rd. For. Equip.
1060c–Ellis, F. D., M. M.
137c–Ellis, F. J., Rd. Mast.
351, 410, 864—Ellis, F. W., Pres., V.-Pres.
1812—Ellis, H., Sec.
1852a–Ellis, H. H., Treas.
137—Ellis, J. A., Asst. Eng. Rdway Standards
1849f–Ellis, J. A., Comr.
137b–Ellis, J. E., Loco. For.
195—Ellis, J. H., Str. Kpr.
628a, 628b—Ellis, J. K., Supt. Spec. Serv.
628b–Ellis, J. P., Gen. Car For.
106—Ellis, J. T., M. M.
847—Ellis, J. W., Div. Rd. Mast.
165—Ellis, M. W., Treas.
157—Ellis, O. L., Supvr Trk.
1617—Ellis, W. D., Gen. Mgr.
629—Ellison, I. C., Rd. Mast.
617a–Ellison, J. H., V.-Pres.
40b–Ellison, R. R., Rd. Mast.
298—Ellison, W. J., Treas.
619—Ellrick, P., Trav. Eng.
289—Ells, L., Supt.
696—Ellsworth, F. H., Div. Eng.
695—Elmendorf, W. H., Aud.
115—Elmer, T. J., Gen. Aud.
751—Elmer, W., Spec. Eng.
1433a–Elmore, D. R., Asst. to Gen. Mgr.
886—Elmore, Sr., J. T., Rd. Mast.
58b–Elmore, P. W., Asst. Div. Eng.
139b–Elmsley, T. E., Asst. Supt.
1001b–Elrod, D. J., Sanitary Insp.
272a, 866, 974, 1040—Elsey, C., Sec. & Treas., V.-Pres. & Treas., Pres. V.-Pres. & Treas.
1079—Elsey, F. T., Pres.
751b–Elsey, W. R., Asst. M. M.
382—Elsner, W. H., Asst. Mech. Eng.
322a–Elston, A. C., Supt. Trans.
693a–Elsworth, R. B., Asst. Sig. Eng.
983—Elton, J. O., Mgr.
799a–Elvey, E. S., Sec. & Treas.
1806—Elwell, C. C., Comr.
198—Elwell, H. A., Brdg. Supvr.
1418a–Elwood, L. E., Pres.
26—Ely, F. H., Gen. Coun.
737—Embody, C. W., Treas.
1026—Embree, J. W., V.-Pres.

207—Embury, W. B., Supt. M.P.
716—Emerson, C., M. M.
314—Emerson, C. H., M. C. B.
204a—Emerson, C. L., Div. M. M.
58, 59—Emerson, G. H., Ch. M. P. & Equip.
195a—Emerson, J., Rd. Mast.
195b—Emerson, J., Rd. Mast.
204b—Emerson, W. T., Trav. Eng.
808—Emert, E., Supvr.
204a—Emery, A. D., Asst. Dist Eng.
1700—Emery, C. H., Gen. Mgr.
275—Emery, E. H., Asst. Supvr Fuel.
771—Emery, F., Gen. For. Car Dept.
275—Emery, J. M., Mgr. Marine Dept.
693c—Emery, L. S., Gen. Mgr.
743—Emery, R. L., Pres.
751—Emery, W. K., Gen. East. Frt. Agt.
1031b—Emhardt, H., Treas. for Recr.
790—Emison, J. C., Treas.
392b—Emley, N. B., Supvr. Tools & Mchy.
207—Emmons, W. N., Rd. Mast.
40b—Emonds, J. E., Rd. Mast.
682—Emory, G. C., G. F. & P. A.
933a—Empfield, C. D., Str. Kpr.
274—Empie, H. A., Gen. Fuel Agt.
137d—Empringham, J. R., Supt. Park & Marine.
342—Emrick, V. R., Ch. Elec.
931a—Enderle, W. A., Rd. Mast.
275—Enderlin, J. G., Asst. Sec. & Asst. Treas.
716—Endicott, G. F., Mech. Eng.
549—Endicott, J. A., Supvr.
808—Endy, W. N., Str. Kpr.
40—Engel, E. J, V.-Pres.
186—Engholdt, S. M., Gen. For.
139e—England, D. J., Asst. Supt.
1598—England, H. J., Aud.
629—England, N., Asst. G. F. A.
693b—England, W. C., Gen. For. Car Dept.
299—Engle, C. W., Div. Eng.
619—Englehart, L. W., Trav. Eng.
139g—English, A. J., Mast. B. & B.
159—English, C. H., Supt.
382—English, E., M. M.
306—English, E. A., V.-Pres.
751a—English, G. H. B., Supvr.
137c—English, H. A., Supt. M. P. & Car Equip.
930—English, K., Sig. Supvr.
40—English, L. F., Gen. Atty.
322a—English, W. J., Div. Supt.
847—English, W. L., Supvr. Agri. & Refrig.
200—English, W. M., M. M.
204a—Engman, V., Ch. Carp.
40b—Ennis, C. E., Rd. Mast.
692x—Ennis, J. E., Gen. Equip. Insp.
204—Ennis, W. L., Supvr. Refrig.
207—Enoch, A. B., Gen. Atty.
549—Enoch, J. L., Div. M. M.
751a—Enochs, H. A., Supt. Wage Bur.
316—Enos, H. C., Asst. Gen. Mgr.
860a—Enright, J. E., Supvr. B. & B.
860a—Enright, J. L., Supvr. B. & B.
696—Enscoe, J. R., Supt. Recl. Plant.
198—Ensign, H. W., M. M.
382—Ensley, A. T., M. M.
229—Ensminger, L. A., Ch. Surg.
455—Entwisle, E. B., Ch. Eng.
1842—Epes, L. S., Comr.
274, 799, 1060a—Eppler, W. E., Compt.
930—Epperson, R. H., Asst. Div. Eng.
307—Epps, J. H., Gen. Coun. & Clm. Agt.
619—Erdall, J. L., Gen. Solr.
204a—Erdman, R. A., Rd. Mast.
11a—Erickson, C., Rd. Mast.
186—Erickson, C. A., Gen. Car Insp.
779a—Erickson, C. A., Treas., Asst. Sec. & Aud.
787a—Erickson, C. E., V.-Pres. & Treas.
787a—Erickson, C. J., Pres.
693b—Erickson, E., Gen. For. Car Dept.
787a—Erickson, G. L., Supt.
619—Erickson, J. A., Rd. Mast.
382—Erickson, M., Dist. Rd. Mast.
20—Erickson, M. J., Pres.
382—Erickson, R., Car For.
751—Ericson, E. G., Asst. to Ch. Eng.
614—Erlandson, C., Rd. Mast.
139e—Erlandson, N. O., Rd. Mast.
847—Ermatinger, G. A., Rd. For. Equip.
619—Ernest, L., Gen. M. M.
195, 195b—Ernst, C. J., Asst. Sec. & Asst. Treas.
207—Ernst, E. A., Dist. Str. Kpr.
692x—Ernst, W., Asst. Eng. R.S.
503—Ernst, W. A., Gen. Shop. For.
716—Ernstrom, G. L., Rd. For. Eng
632—Ervin, C. E., Gen. Mgr.
927b—Erwin, E. G., Asst. G. P. A.
1677—Esbaugh, F. A., Traf. Mgr.
1001d—Esbenson, B., Gen. Rd. Mast.
670—Escarcega, F., Div. Eng.
982b—Escherich, H., Aud.
1800a—Esch, J. J., Comr.
927a—Eschman, A. E., Supt. B. & B.
693b—Esgar, W. C., Supt. Pass. Trans.
200—Eskridge, E. A., Supt. Car Serv.
437c—Esmond, J. W., V.-Pres.
861—Esmond, J. W., V.-Pres.
59—Esping, C., Mast. Carp.
670—Espinosa, P., Rd. Mast.
670—Espinozo, V., Div. Eng.
428—Esschen, L. C., Aud.
1001a—Esse, J., Rd. Mast.
324—Essington, H. G., Car Acct.
498—Estabrooke, G. W., Eng. Pow.
786—Estabrook, G. L., Sec. & Treas
930—Estabrook, S. M., Asst. Mgr. Din. Cars, Hotels & Rest.
115—Estabrook, V. J., Asst. Treas.
137—Estano, A. H., Aud.
157—Estes, J. M., Gen. For.
670—Estrada, J. G., Supt. Exp.
927—Ettenger, R. L., Asst. to V.-Pres.
40c—Etter, W. K., Gen. Mgr.
428—Ettinger, C. E., Supvr. B & B.
176—Eubank, R. P., R.E. Agt.
670—Eufracio, L., Rd. Mast.
716—Eukes, F. L., Supvr. Sig.
195—Eustis, P. S., Pass Traf. Mgr
1205—Evans, A. H., Traf. Mgr.
577—Evans, C. R., V.-Pres. & Gen. Mgr.
159—Evans, D., Rd. For. Eng.
693b—Evans, D. J., Asst. Div. Supt
1630—Evans, D. L., Traf. Mgr.
306d—Evans, D. M., Car Acct.
549—Evans, E. G., Asst. Div. Supt.
137a—Evans, E. G., Dist. Eng.
145—Evans, F. E., Mgr.
1433a, 1683a—Evans, F. E., Supt. C. S.
97—Evans, F. L., Trk. Supvr.
549—Evans, G. E., Exec. V.-Pres.
1417a—Evans, G. H., Traf. Mgr.
139—Evans, G. O., Asst. Supt.
308—Evans, G. W., Gen. Mgr.
137c—Evans, H., Car For.
808—Evans, H. T., Str. Kpr.
204a—Evans, J., Ch. Carp.
600—Evans, J. Div. Eng.
809—Evans, J. B., 3 V.-Pres.
209—Evans, L., For. Rnd. Hse.
127—Evans, L. O., Gen. Coun.
927a—Evans, M. A., Jr. Eng. Maint.
86—Evans, R. R., Supt. & G.F.A
726d—Evans, R. R., Pur. Agt.
241b—Evans, S. D., V.-Pres.
140—Evans, T., Pres. & Gen. Mgr.
693—Evans, T. W., Asst. V.-Pres.
137—Evans, W. E., Asst. to Pur. Agt.
751b—Evans, W. H., Asst. to Div. Eng.
139h—Evans, W. H., Div. M. M.
866, 974—Evans, W. H., Elec. Eng.
432—Evans, W. H., Ind. Agt.
137a, 137b—Evans, W. K., Mgr. Div. Bur.
176—Evans, W. M., Asst. M. M.
681a—Evans, W. S., Supt. Maint.
625—Evans, W. R., Car Acct.
666—Eve, D., Ch. Surg.
200—Evens, A. C., Gen. Atty.
964—Evensen, E., Asst. Eng.
786—Evensen, N. S., For. Paint.
347—Evenson, E., V.-Pres. & G.M
886—Everett, A. C., Rd. Mast.
693a—Everett, E. W., Design Eng.
693a—Everett, F. W., Asst. to Gen. Supt.
523—Everett, I., Ch. Car Insp.
829—Everett, J. Le G., Sec. & Treas.
127—Everett, P. S., M. C. B.
628a—Everett, W. T., Sig. Supvr.
428—Everette, W. T., Gen. For. Car Dept.
395—Everheart, H. E., Asst. G. F. A.
627c—Everitt, G. S., Asst. Supt.
695—Eversman, W. A., Gen. Solr.
66a, 868—Eversull, E. E., G. F. A., G. F. & P. A.
751c—Evert, G., Supvr.
345—Everts, H. H., Elec. Eng.
716—Every, W. F., Gen. Clm. Agt.
58a—Eves, R. W., Dist. Elec. Supvr.

382—Evleth, C. E., Lumber & Fuel Agt.
229—Ewald, C. P., Supvr. Trk.
40b-Ewing, A., Div. Supt.
671—Ewing, A. B., Gen. Aud. & Asst. Treas.
934—Ewing, A. L., Asst. Treas.
808, 1872, 1873—Ewing, C. H., Pres., Member.
159—Ewing, C. L., G. F. A.
718c, 930a-Ewing, D. P., Asst. Sec.
549—Ewing, R. H., Sig. Supvr. Train Control.
510—Ewing, T., Pres.
137b-Ewing, T. H., Aud.
428—Exby, H. E., Trav. Eng.
58a—Exley, H. L., Asst. Div. Eng.
398a—Exley, L. P. O., Eng. M. W.
693b-Exley, R. C., Sig. Insp.
716—Extrand, C. W., Rd. For. Eng.
91—Eyer, W. H., Eng. & Rd. Mast.
58a-Eyerly, W. S., Asst. Shop Supt.
457—Eyestone, T. P., Aud.
137c-Eyford, G., Rd. Mast.
751—Eysmans, J. L., V.-Pres.
807—Ezell, R. I., Asst. Sec. & Asst. Treas. & Aud.

F

194—Faber, E.C., V.-Pres.
808—Fackler, E. M., Asst. Gen. Car Insp.
616—Factor, J., Supvr.
860a—Fagan, J. L., Gen. Loco. Insp.
930—Fagan, R. G., Supt. Frt. Pro.
697—Fagley, Jr., D. W., Asst. Eng.
58a—Faherty, T. K., Div. Supt.
1927—Fahey, J., 3 V.-Pres.
656—Fahey, J., Trav. Eng.
58a-Fahey, J. E., Gen. For. Loco. Dept.
382—Fahnlander, E., Loco. For.
58b-Fahy, J. E., Div. Supt.
157—Fail, W. W., Supvr. Trk.
159—Failing, W. H., Clm. Atty.
751b-Fair, C., For. Car Rep.
751a-Fair, J. M., Supvr.
139—Fairbairn, J. M. R., Ch. Eng.
137—Fairbairn, R. L., Mgr. Pass. Serv. Bur.
930—Fairbank, H. S., Div. Supt.
1850a—Fairbanks, W. A., Sec. Tel. & Tel.
185—Fairbanks, W. H., Sec.
716—Fairchild, D., Supvr. B. & B.
428—Fairchild, I. S., Div. Str. Kpr.
195—Fairfield, E. M., Asst. to V.-Pres.
157, 428—Fairfield, H. L., Mail Traf. Mgr., Mgr. Mail Bag. & Exp. Traf.
274—Fairhead, J. E., Supt.
882b-Fairman, C. R., Recr.
137b-Fairman, F., Car For.
670—Fajardo, E. H., Supt. Strs.
808—Falck, F. M., Gen. Mgr.
729—Falconer, P. H., Pres.
329—Falconer, R. C., Asst. to Pres. & Ch. Eng.
995—Fales, W. L., Rd. Mast.
1021—Falk, C., Sig. Supvr.
593—Falk, F., Asst. Rd. For. Eng.
185a-Falk, J. P., Div. Supt.
693c-Falkenstein, O., Supvr. Sig.
176—Falkiner, R. B., Asst. For Frt. Agt.
1667a-Fall, E. A., Traf. Mgr.
927b-Fallis, B. G., Gen. Supt
106—Fallon, A. R., Asst. Traf. Mgr.
194, 204c—Fallon, B. J., V.-Pres.
629—Fallon, J. C., Bldg. Insp.
204a-Faltynski, L. B., Gen. Car. For.
322—Fanning, G. S., Prin. Asst. Eng.
428—Fanning, J. E., Dist. Eng.
751c-Fannon, P., Supvr.
751b-Farles, R., Div. Supt.
901—Farls, W. B., Aud. & Traf. Mgr.
271a-Farish, W. S., 1 V.-Pres.
207—Farley, C. E., Gen. For. Loco. Dept.
40a-Farley, D. S., Asst. Gen. Mgr.
599b-Farley, F. M., Gen. Rd. Mast.
137b-Farley, J., Car For.
176—Farley, J. A., Asst. to Ch. Mech. Off.
137c-Farley, P. J., Asst. Treas.
58a-Farlow, G. B., Div. Eng.
58c, 935-Farlow, R. F., Mast. Carp., Supvr. B. & B.
204a-Farmar, J. A., Asst. G. F. A.
860—Farmer, E. L., Rd. Mast.
139b-Farmer, H. M., B. & B. Mast.
671—Farmer, I. W., Ch. Eng.
629—Farmer, J., Rd. For. Eng.
206—Farmer, J. G., G. P. A.
547a-Farmer, R. R., V.-Pres.
176—Farmer, S. P., Gen. For.
96—Farnham, H. H., Asst. Supvr. B. & B.
751—Farnham, R., Eng. B. & B.
58a-Farout, H. B., G. P. A.
798—Farquhar, J., Supt. B. & B.
137g-Farr, B. J., Supt. M. P. & Car Dept.
751c-Farran, J. F., For. Car Rep.
235—Farrar, F., V.-Pres. & Gen. Coun.
97—Farrar, F. F., G. F. A.
927b-Farrar, H. G., Asst. Supt.
47—Farrar, W. M., Str. Kpr.
808—Farrell, A. J., Div. Supt.
1071—Farrell, A. M. Supt. Trans.
632—Farrell, E. B., Asst. to Traf. Mgr.
629—Farrell, F. P., Supvr. Water Serv.
757—Farrell, H. F., Aud.
696—Farrell, H. L., Asst. Eng.
198—Farrell, J., Trk. Supvr.
751b-Farrell, J., Gen. For.
1001c, 1076e—Farrell, J. D., V.-Pres.
629—Farrell, M. J., Rd. Mast.
1800a-Farrell, P. J., Ch. Coun.
539—Farrell, R. W., G. B. A.
1021—Farrell, T. R., Asst. G. F. A.
58a-Farrell, V. E., Asst. Str. Kpr.
1001b-Farrell, W., Rd. Mast.
1850g-Farrell, W. J., Sec. Pur. & Strs. Div.
186—Farrelly, A. J., Elec. Eng.
195a-Farrington, J. D., Div. Supt.
771—Farrington, R. J., Gen. For. & Ch. P. W. Insp.
751b-Farrington, T. B., Div. Supt.
705—Farris, E., Div. Car Insp.
683—Farris, W. E., V.-Pres. & Gen. Mgr.
705—Farrow, J. M., Supvr. B. & B. & Rd. Mast.
401—Farwell, C., V.-Pres.
1001d-Fasen, R. H., Gen. For. Loco Dept.
549—Fasig, A., Asst. Sig. Supvr.
433—Fast, C. C., Gen. Supt. Trans.
198—Fatherson, T. W., Div. Supt.
322—Fatzinger, W. S., Div. Str. Kpr.
886, 1851—Faucette, W. D., Ch. Eng., V.-Pres.
716—Faughnan, T. J., Asst. Frt. Clm. Agt.
137b-Faught, S. J., Asst. Supt.
936a-Faulk, G. H., Sec., Treas. & Pur. Agt.
334—Faulkner, Jr., G., Aud. & Supt.
600—Faulkner, H. L., Asst. G. B. A.
625—Faulkner, L. E., Gen. Mgr.
1405—Faulkner, W. B., Traf. Rep.
692x-Faus, H. W., Eng. Tests.
929—Favreau, A. H., Supt.
1388a-Fawcett, J. A., Traf. Mgr.
139—Fawcett, T., Gen. Str. Kpr.
428—Fawver, H. W., For. Paint.
351, 842a, 864—Fay, A. R., V.-Pres.
931—Fay, C. S., Traf. Mgr.
247—Fay, W. M., Asst. G. F. A.
1040—Faye, H. K., Frt. Traf. Mgr.
186—Fayram, M. J., Rd. Mast.
1001—Feakins, R. L., Asst. Frt. Traf. Mgr.
182—Fearhelly, F., Gen. For. Loco. Dept.
398—Fearman, G. D., Sec.
523—Fearon, H. M., Div. Eng.
549—Feather, E. Supvr.
549—Feather, H., Div. M. M.
780—Featherstone, L. L., Sec. & Treas.
780—Featherstone, P. P., V.-Pres. & Gen. Mgr.
613—Fecht, A., Rd. Mast.
47, 166—Fechtig, F. H., Pur. Agt.
1039—Fee, T. H., Asst. G. F. A.
137b-Fee, W. J., Rd. For. Eng.
209a-Feeley, A. E., Aud., Sec. & Treas.
275—Feeley, M. R., M. M.
198—Feemster, J. L., Gen. Str. Kpr.
428—Feeney, B. J., Trav. Eng.
751b-Feeney, F., Supvr.
619—Feeney, T. M., Rd. Mast.
808—Fegley, E. K., Str. Kpr.
931—Feigel, N., Str. Kpr.
930—Feikert, F. A., Asst. Div. Eng
705—Feild, J., Val. Eng.
274a-Feist, H., Sec. & Treas.
434—Feldes, R. A., Ch. Eng.
931a—Feldman, A. A., For. Paint.
186—Feldman, O. H., Rd. Mast.
751—Fell, Jr., F. J., Dep. Compt.
157—Fell, H. L., Asst. G. P. A.
186—Fellenzer, F. J., Rd. For. Eng.
132—Fellers, B., 3 V.-Pres. & Pur. Agt.
930—Fellows, C. E., Asst. Aud.

40,1850d,1861—Felt,C.F.W.,Ch. Eng., Chman., Pres.
195b—Felter, H. E., Gen. For.
198, 1934—Felton, S. M., Chman., Pres.
705—Feltz. W. D., Supvr. Sig.
204b—Felzer, G. T., Div.Str.Kpr.
930—Fenchurch, E. J., G. F. & P. A.
1906—Fenley, W. H., V.-Pres.
471—Fennell, D. L., Supt. Trans.
195b—Fenney, G., Mast. Carp.
695c—Fenniman, G. E., Pur. Agt.
693b—Fenno, H. W., Div. Eng.
600—Fenrick, R., For. Paint.
705b—Fenstermaker, D. C., Mng Recr. & Ch. Eng.
209—Fenton, A. M., G. F. A.
705a—Fentress, H. S., Gen. Car Insp.
725b—Fenwick, C. E., Aud.
628a—Fenwick, W. M., G.P.A.
412—Ferdon, C., M. M.
666—Fergus, J. L., Div. Eng.
970—Ferguson. A., Supt. M. P.
629—Ferguson,A. A.,Tool Supvr.
40a—Ferguson, A. N., Rd. Mast.
382—Ferguson, C. C., Gen. Air Brake Insp.
275—Ferguson, C. H., St. Kpr.
347—Ferguson. C. W., Rd. Mast.
693a—Ferguson,E.B.,Rd.For.Eng
671—Ferguson, E. C., Traf. Mgr.
137b, 139e—Ferguson, H., Supt. Trk., Mast. B. & B.
431—Ferguson. H. H., V.-Pres.& Gen. Mgr.
1598—Ferguson, J. D., Tax Atty.
868, 988—Ferguson, J. D., Treas. Pur. Agt.
1020c—Ferguson, J. E., Rd. Mast.
629—Ferguson,J.E.,Rd For.Eng.
847—Ferguson, J. F., Gen. For. Car Dept.
437—Ferguson, J. I., Pur. Agt.
693c—Ferguson, J. L., Supvr.
229c—Ferguson,J.M.,Supt.Trans.
868, 988—Ferguson, J. W., Pres., 2 V.-Pres.
7a—Ferguson, L. B.,Supt. M. P.
799—Ferguson,N.J., G. F.& P.A.
137c—Ferguson, R., Rd. Mast.
275—Ferguson, R. B., Gen. Aud.
354a—Ferguson,R.E.,Aud.&Supt.
1269—Ferguson, S. B., Traf. Mgr.
137a—Ferguson. W. A., Asst. Ch. Med. Off.
229—Ferguson, W. B., Asst. G. F. A.
755a—Ferguson,W.B.,Asst.G.F.A
229—Ferling, G. W., Elec. Eng.
488a—Fernald. B. W., Clm. Agt.
1598—Fernald, F. O., Dist. Supt.
96—Fernald, Jr., G. H., Coun.
74—Fernald, T. W., Treas. & Gen. Mgr.
209b—Ferner, D. E., Supt. Trans.
1020c—Fernstrom, H., Ch. Eng.
693a—Fero, A. J., Rd. For. Eng.
204c—Feron, M. J., Gen. Supt. Trans.
206—Ferree,H. E., Frt. Clm.Agt.
771—Ferree, H. W. Gen.For.Car Dept.
629—Ferrick, W. L., Asst. Supt.
693b—Ferrier, N. A.,Supvr.Shop, Mach. & Tools.
229—Ferris E. A., Gen. For.
693, 693c—Ferris, J. L., Aud.
274—Ferris,P.O.,Asst.Eng.M.W
1021—Ferritor, L. J., Supt.
551—Ferry, F. C., M. M.
551—Ferry, F. D., Pur. Agt.
1071—Fessenden, L. P., Dist. Mgr.
137c—Fetherstonaugh, W., Div. Eng.
927a—Fetner, J. H., M. M.
629—Fetner,W.H.,Ch.Mech.Off.
1001a—Fetters, A. H., Mech. Eng.
1001a—Feucht, C., Rd. Mast.
436—Feustel, R. M., Pres.
58a—Fey, T. M., Gen. For. Elec. Dept.
382—Fiala, A., Dist. Rd. Mast.
847—Ficke, W. J., Gen. For.
137b—Fickel, J. A., Car For.
1835—Fickenscher, P. E., Ch. Bur. Rates & Tariffs.
19—Fickes, E. S., Ch. Eng.
342—Fickling. J. B., Off. Eng.
137c—Fidler, W. J., Str. Kpr.
693b—Fiedler, E. J., Str. Kpr.
394a—Fiegel, F. D., Str. Kpr.
1035—Field. C. J., Supt.
931—Field, C. R., Gen. Clm. Agt.
137—Field, E. A., Land Comr.
62—Field, F. A. W., Asst. Treas.
59—Field, H. A., Asst. Eng. Brdgs.
203, 204—Field. H. H., Gen. Coun.
97—Field, L. E., Str. Kpr.
646—Field. W. K., V.-Pres.
883a—Fielder, T. B., Recr.
930—Fielding. J. L., Asst.G.F.A.
786—Fields. G. C., Supt.
625—Fields. J. C., Chn. Agt.
1312—Fields, J. D., Traf. Mgr.
394a, 439—Fields, W., Rd. Mast., Off. Eng.
157—Fields,W.E.,For. Car Dept.
771—Fieldson,P.H.,Gen.For.Car Dept.
695a—Fife. W. S., Supvr. Trk.
696—Fifield, H. F., Div. Eng.
97—Fifield, J. H., Asst. B. & B. Supvr.
930—Fifield, W. G., Asst. Rd. For. Eng.
751—Fildes,F.K.,Asst.Mech.Eng
629—Files, J. W., Supvr. Wat. Serv.
58a—Filler, C. S., Asst. Str. Kpr.
693c—Fillmore, A. E., Supt. Frt. Trans.
619—Fillmore, A. L., M. M.
806—Filskov,T., Supt. & Ch.Eng.
198—Finch, C., Trk. Supvr.
306b—Finch. C. E., Gen. Mgr.
628b—Finch, E. C., Str. Kpr.
1001c—Finch, F. N., Gen. Supt.
363—Finch, H. C., V.-Pres. & Gen. Mgr.
29—Finch, J. C., Sig. Insp.
273—Finch, J. W., M. M.
82—Finder, E., Car For.
971—Findlay, J. F., Aud.
157—Findley,C.H.,Ch.Clm.Agt.
04a-Finegan, E. B., Asst. Frt. Traf. Mgr.
64—Finerty, J. D., Supt.
97—Finigan, M., Rd. Mast.
5—Fink, C. L., Rd. For. Eng.
771—Fink, P. J., Gen. For. Car Dept.
600—Finlay, J., Asst. G. F. A.
1001a—Finlayson, C., Gen. For. Car Dept.
204b—Finlayson, C. S., Asst. Pur. Agt.
201, 434, 693b, 693c—Finley, R. F., Supt. Tel.
604—Finn, F. H., Sec.
305—Finney, B. F., Pur. Agt.
666—Finney, T., B. & B. Supvr.
382—Finnis, A., Mast. Carp.
628a—Finucane, J. W., Frt. Clm. Agt.
432—Firehammer, L. M., Supvr. B. & B.
847—Fischer, F. G., Gen. For.
195a—Fischer, K. W., Asst. Div. Supt.
861—Fischer, L. E., Pres.
428—Fischer, R. O., Asst. to V.-Pres.
159—Fischer, T. C., Acct. Eng.
847—Fischer,W.J.,Trav.Car Insp
275—Fischman, S., Str. Kpr.
186—Fiscus, J., Eng. Hse. For.
695b—Fiscus, R. C., Asst. G. P. A.
32—Fish, C. E., V.-Pres.
967—Fish, C. M., Traf. Mgr.
751a—Fish, F. T., Supvr.
137b—Fish, R. H., Gen. Supt.
137b—Fishburn, H. E., Supvr. Sig.
204b—Fisher, A. A., Trav. Eng.
209—Fisher, A.A.,Asst.Rd.Mast.
847—Fisher, A. L., Div. Eng.
401—Fisher, C., Pres.
229—Fisher, C., Supvr. B. & B.
1001a—Fisher, C., Rd. Mast.
808—Fisher, D. W., Asst. Mech. Eng.
432a—Fisher, F. E., Gen. Mgr.
137b—Fisher G., Supt. Car Equip.
1586—Fisher, H. O., Traf. Mgr.
808—Fisher, H. S., Asst. Sec.
137g—Fisher, J., Rd. For. Eng.
808—Fisher, J. A., For. Frt. Agt.
751b—Fisher, J. B., Gen. Supt. Trans.
86—Fisher, J. H., Treas.
930—Fisher, M., Supvr. B. & B.
487—Fisher, O. E., Traf. Mgr.
314—Fisher, P. L., Gen. Aud.
1411—Fisher, R. E., Traf. Mgr.
1884—Fisher, R. J., Gen. Coun.
751—Fisher, T. W., Asst. Ch. Chemist.
808—Fisher, V. B., Gen. Supt.
413—Fisher, W. H., G. F. A.
931a—Fisk, F. G., Rd. Mast.
693c—Fisk, L. M., M. C. B.
322a—Fiske, F., Trk. Supvr.
137a—Fitch, W. A., Asst. Supt.
930—Fitch, W. C., Frt. Clm. Agt.
581—Fitchett, T. H., Sec. & Asst. Treas.
847—Fite. J. T., Gen. For. Car Dept.
176—Fite, W. M., Rd. For. Eng.
629—Fithian, E. B., Asst. Eng. M. W.
1081—Fitkin, A. E., Pres.
428—Fitzgerald, E. R., Supvr.

629—Fitzgerald, F. E., Rd. For Eng.
549—Fitzgerald, J., Supt. Term.
123—Fitzgerald, J., Rd. Mast.
751c—Fitzgerald, J. D., Asst. to Gen. Supt. Trans.
207—Fitzgerald, J. J., Gen. For. Loco. Dept.
413—Fitzgerald, J. T., Supt. Frt. Trans.
930—Fitzgerald, J. W., Div. Supt.
322b—Fitzgerald, L. C., Supvr. Car Rep.
1438a—Fitz Gerald, M. C., Gen. Traf. Mgr.
189, 188a—Fitzgerald, M. E., Gen. Car Insp., 3 V.-Pres.
808—Fitzgerald, R. E., Supvr.
436—Fitzgerald, R. L., Mgr. Lgt. & Power Dept.
176—Fitzgerald, W., G. F. A.
931a—FitzGerald, W. E., Aud.
207—Fitzgerald, W. T., M. M.
137b—Fitzgibbons, W., Rd. Mast.
395—Fitzhugh, J. G., Safety Supvr.
696, 1000—Fitzmaurice, R. D., Gen. Supt.
137a—Fitzmaurice, W. R., Supt.
201, 205a—Fitzmorris, J., Asst. to Gen. Mgr.
176, 413—Fitzpatrick, H., V.-Pres. & Gen. Coun.
695a—Fitzpatrick, J. A., Asst. to Traf. Mgr.
139d—Fitzpatrick, J. J., Asst. Supt.
886—Fitzpatrick, M. F., Gen. For. Car Dept.
139g—Fitzpatrick, M. P., Rd. Mast.
137e—Fitzpatrick, P. D., Ch. Eng.
349—Fitzpatrick, R. G., Supt.
771—Fitzpatrick, T. R., Asst. G. F. A.
18, 530—Fitzpatrick, W. A., Car Acct.
1001d—Fitzpatrick, W. E., Frt. Clm. Agt.
635—Fitzsimmons, J., Car Acct.
549—Fitzsimmons, P. H., Supvr.
716—Fitzsimons W. E., Rd. Mast.
137b—Fitzsimons, W. P., G. F. A.
927—Fitzwilson, J. E., V.-Pres.
322a—Fix, A. W., For. Sig. Maint.
1651—Fix, G. G., Gen. Mgr.
693c—Fizer, J. T., Supvr.
629—Flacy, C., Rd. Mast.
310—Flagg, B. C., Frt. Clm. Agt.
409—Flagler, F. J., G. F. A.
716—Flanaven, D., Div. Rd. Mast.
121—Flaherty, D., Gen. Supt.
903—Flaherty, F. G., Gen. Coun.
790b—Flaherty, J., Pres.
40b—Flaiz, F., Rd. Mast.
930—Flanagan, A. W., Supt. Tel.
139—Flanagan, C. J., Aud.
204a—Flanagan, J., Rd. Mast.
198—Flanagan, P. R., Asst. G. F. A.
176—Flanagan, R. K., Gen. For.
186—Flanders, G. Z., Asst. Div. Supt.
40b—Flanders, H. G., Div. M. M.
1515a—Flanders, H. J., Traf. Mgr.
137g—Flanders, L. R., Frt. Clm. Agt.
1290—Flanders, W. C., Traf. Mgr.
696—Flandreaux, C. S., Trk. Supvr.
692c—Flanery, W. L., Supvr. Agri.
847—Flanigan, J. M., Supt. Term.
553—Flanigan, M. A., Rd. Mast.
204a—Flanigan, M. J., Div. Supt.
298, 619—Flannagan, T. W., Asst. to Gen. Mgr., Asst. to V.-Pres. & Gen. Mgr.
248a—Flanners, C. W., M. M.
137b—Flannery, P., Rd. Mast.
279—Flatberg, O. M., Rd. Mast.
619—Flatley, P. H., Rd. Mast.
2—Flato, O. E., Aud.
696—Flavell, T. P., Sig. Insp.
693b—Flavin, J. T., M. M.
751a—Flayhart, C. J., Mast. Carp.
808—Fleck, F. M., Asst. Gen. Clm. Agt.
724—Fleckner, E. R., G. F. & P. A.
40a—Fleisch, G. J., Gen. Trav Str. Kpr.
151a—Fleischhacker, H., Pres.
151a—Fleischhacker, M., V.-Pres.
124a—Fleman, H. C., Pres.
611a—Fleming, A. H., Pres.
139—Fleming, A. J., Asst. For. Frt. Agt.
8—Fleming, C. E., Str. Kpr.
611a—Fleming, C. S., Sec.
693a—Fleming, D. B., Gen. Supt.
137—Fleming, E., Asst. Treas.
432—Fleming, F. I., Aud.
471—Fleming, F. W., Recr.
927—Fleming, F. X., Gen. Acct.
58a—Fleming, H. L., Gen. For. Loco. Dept.
547b—Fleming, H. S., Pres.
137b—Fleming, H. W., Div. Eng.
40b—Fleming, I. W., Gen. Car For.
716—Fleming, J., Supvr. B. & B.
697—Fleming, J. M., Asst. Sec. & Transf. Agt.
40b—Fleming, L. M., Rd. Mast.
751a—Fleming, L. R., Supvr.
886—Fleming, P. B., Str. Kpr.
995—Flemming, H. H., Sec. & Gen. Coun.
995—Flemming, T. W., Traf. Mgr. & Pur. Agt.
285—Flenniken, B. F., Aud.
141—Fletcher, B. W., Gen. Mgr.
692x—Fletcher, C. C., Off. Asst.
97—Fletcher, H. B., Arch.
428—Fletcher, H. I., Trav. Eng.
886—Fletcher, J., Gen. For. Car Dept.
322c—Fletcher, J. E., Supvr.
1815—Fletcher, J. H., Ch. Eng.
408, 1076d—Fletcher, J. W., Supt.
40b—Fletcher, L. E., Shop Supt.
428—Fletcher, R. V., Gen. Solr.
137c—Fletcher, W. H., Loco. For.
751—Fletcher, W. M., Asst. Gen. Solr.
137—Flett, R. M., Asst. to Gen. Mgr. Sl., Din., Par. Cars & Ry. Rest.
139h—Flett, T. R., Supt.
132b—Flick, G. B., Sec.
40c—Flickwir, J. W., Div. For.
1829—Flinn, A. L., Rate Expert.
137g—Flinn, E. F., G. F. A.
514a—Flinn, A. R., Pres.
297—Flinn, G. A., R. of W. & Tax Agt.
751c—Flinn, R. H., M. M.
627c—Flinn, T. N., Clm. Agt.
739—Flint, A. L., Gen. Pur. Agt.
229—Flint, E. H., Asst. Aud.
930—Flint, G. L., Rd. For. Eng.
1805—Flintham, J. W., Sec.
139—Flintoft, E. P., Asst. Gen. Solr.
955—Flocker, A., Supt.
58b—Floeter, K. E., Gen. For. Loco. Dept.
930a—Flood, W. E., M. M.
142—Flora, J. C., Pres.
157—Florencourt, F. B., Sig. Insp
670—Flores, A., M. M.
670—Flores V., A., Div. Str. Kpr.
275—Florey, E. F., Rnd. Hse. For.
697—Flory, B. P., Supt. M. P.
7a—Flotte, A. C., Asst. Aud.
627a—Flower, H. C., Pres.
157—Flowers, A. J., M. M.
927a—Flowers, A. D., Trk. Supvr.
222—Floyd, D. S., Aud., Frt. Clm. Agt. & G. F. & P. A.
40c—Fluhr, C. G., Supt.
382—Flynn, D. J., Div. Supt.
195b—Flynn, E., Gen. Mgr.
382—Flynn, E. F., Asst. to V.-Pres. & Gen. Coun.
97—Flynn, F. H., Div. Supt.
1240—Flynn, H. W., Traf. Mgr.
356—Flynn, J. D., Gen. Clm. Agt.
931a—Flynn, J. J., Rnd. Hse. For.
693a—Flynn, L. H., Asst. M. M.
186—Flynn, M. J., Supvr. B. & B.
1401a—Flynn, P. B., V.-Pres. & Gen. Mgr.
523—Flynn, P. J., Div. Supt.
275—Flynn, P. J., V.-Pres.
428—Flynn, T. J., Supvr.
716—Flynn, T. M., Asst. to Gen. Supt.
693a—Flynn, W. H., Supt. M. P.
322a—Flynn, W. J., Trk. Supvr.
549—Flynt, F. C., Rd. Mast.
1021—Foale, H. J., Sig. Eng.
325b—Foden, O. J., Supt.
808—Foertsch, T. A., Rd. For. Eng.
716—Fogarty, F. H., Asst. G. F. A
86a—Fogarty, J., Rd. Mast.
629—Fogarty, J. J., Dist. Str. Kpr.
186—Foged, A. N., Div. Str. Kpr.
1006a—Fogelman, C. O., Traf. Mgr.
1881—Fogg, J. W., 2 V.-Pres.
200—Fogg, W. H., Div. Supt.
58a—Fogle, W. H., Ch. of Tariff Bureau.
322c—Foglegren, C. Supvr.
930—Fogus, C. A., Rd. For. Eng.
204a—Fohey, O., Asst. Sig. Supvr.
600—Foley, D., Insp. M. of W.
696—Foley, F. I., Asst. Gen. Str. Kpr.
847—Foley, H. R., Rnd. Hse. For.
751—Foley, J., Forester.
751b—Foley, J., Supvr.
96—Foley, J. F., Asst. Trk. Supvr.
137b—Foley, J. J., Rd. Mast.
705—Foley, K. F., Asst. Rd. For. Eng.
1685—Foley, L. L., Traf. Mgr.
751b—Foley, M., Supvr.
58a—Foley, M., Supvr. Rd.

847—Foley, W. J., M. M.
61a-Folk, J. F., Gen. Mgr.
97—Folkins, O. B., M. M.
229—Folks, W. E., Supvr. Trk.
981—Follas, D. C., Sec. & Aud.
696—Follett, W. F., Asst. Sig. Eng.
189—Folley, E., Sig. Supvr.
275—Folley, L. B., Sup. Tel.
346—Folliett, C., Sec.
756—Folliott, R., Car Acct.
628a-Folsom, F. T., Rd. Mast.
97—Folsom, G. A., Asst. Trk. Supvr
58a-Foltz, C., Supvr. Rd.
629—Foltz, F. W., Insp. Trans.
383—Fonfara, T., Car For.
670—Fonserrada, y B.C., Ch. Eng. Const.
58—Foos, E. A., Fuel Agt.
616—Foote, C.F., Land & Tax Agt.
433—Foote, F. J., Supt. M. P. & Equip.
500—Foote, G. C., V.-Pres.
1701—Foote, O. E., Aud.
298, 619—Foque, T. A., Gen. Mech. Supt.
1021—Foran, D., Supvr.
382—Forberg, H., Dist. Rd. Mast.
1826—Forbes, B. E., Ch. Eng.
1834—Forbes, Jr. B. F., Sec.
186—Forbes, C. A., Div. Str. Kpr
139b-Forbes, J. H., Div. Eng.
32—Forbes, J. M., Gen. Mgr.
1526a-Forbes, L. P., Traf. Mgr.
137b-Forbes, W. A., Car For.
58a-Forbriger, E. A., Asst. Str. Kpr.
275—Force, C. E., Rnd. Hse. For.
275—Force, H. J., Chemist
382—Ford, A. B., Gen. M. M.
988—Ford, A. C., Pres.
203, 1864—Ford, C. F., Supvr. Tie & Tim., Pres.
428—Ford, C. H., For. Paint.
137c-Ford, D. H., Rd. Mast.
137—Ford, D. McK., Asst. to V.-Pres.
391, 986—Ford, E., Asst. Gen. Mgr., V.-Pres. & Gen. Mgr.
176—Ford, E. I., Asst. to Gen. Supt.
176—Ford, F. A., Supvr. Sig.
396—Ford, F. M., Treas. to Recr.
498—Ford, F. R., Chman.
1701—Ford, G., Gen. Supt.
1057a-Ford, G. E., Car Acct.
287—Ford, H., Pres.
930—Ford, J. A., Rd. Mast.
182—Ford, J. B., V.-Pres.
1076a-Ford, J. B., Pres. & Gen. Mgr.
521—Ford, J. H., Gen. Car For.
195a-Ford, J. S., Div. M. M.
79—Ford, R. F., Aud.
751a-Ford, R. G., Supvr.
207—Ford, R. H., Asst. Ch. Eng.
284, 443—Ford, T. S., Sec. & Aud.
693a-Ford, T. V., Asst. Ch. Gen. Insp.
1646b-Ford, W., Traf. Mgr.
274—Ford, Wm., For. Paint.
696—Ford, W. A., Ch. Draft.
243—Ford, W. T., Aud.
47—Fore, G. A., Asst. Eng.
137—Foreman, H. G., Asst. Gen. Treas.
137a, 137b—Foreman, R. J., For. Frt. Agt.
97—Foreman, J. A., Treas.
1001a-Foreman, J. E., Rd. Mast.
800—Forget, J. A., Frt. Clm. Agt.
306b-Foristel, E. W., V.-Pres.
847—Forlong, W. G., R. E. Agt.
1031d-Formaker, C., Rd. Mast.
600—Forman, H. L., Ch. Clm. Agt.
1040—Forman, H. W., Asst. to Gen. Mgr.
97—Forman, W. O., Mech. Supt.
58a-Forney, H. L., Mast. Carp.
139—Forrest, A. J., Div. Str. Kpr.
705—Forrest, F. R., Gen. For.
137b-Forrester, C., Supt.
123a-Forrester, G. W., Traf. Mgr.
779a-Forrester, J. W., Ch. Eng.
771—Forsberg, R. P., Prin. Asst. Eng.
751—Forshee, I. C., Tele. & Telo. Eng.
771—Forst, J. F., Supvr.
808—Forstall, C. F., Asst. Supvr.
930—Forster, A., Sig. Supvr.
847—Forster, J., Mech. Insp.
1850, 1872, 1887—Forster, H. J., Sec. & Treas.
159—Forsyth, H., Eng. R. of W.
600—Forsythe, A., Div. For. Bldg.
847—Forsythe, D. L., Gen. Rd. For. Equip.
693a-Forsythe, G., Rd. For. Eng.
751b-Forsythe, G. B., For. Car Shops.
97—Fort, G., V.-Pres.
428—Fort, V. D., Asst. Frt. Traf. Mgr.
139b-Fortier, J. O., Asst. Supt.
382—Fortier, W. H., Frt. Clm. Agt
392—Forward, H. W., G. F. A.
600—Forward, T., Rd. Mast.
860a—Foscue, A. W., Asst. Eng.
946a-Fosgate, F. P., Gen. Mgr.
693a-Foshay, C. W., Asst. Supt.
883a-Foshee, W. D., M. M.
696—Foss, M. A., Supvr. Boil. Insp. & Maint.
139h-Fossett, C., Rd. Mast.
960—Fossick, J. L., Pur. Agt.
139—Foster, C. B., Pass. Traf. Mgr.
198—Foster, C. J., Div. Supt.
629—Foster, C. M., Div. Str. Kpr.
1592—Foster, D. E., Traf. Mgr.
502a-Foster, D. N., Pres.
123—Foster, E. G., Valua. Eng.
549—Foster, F. C., Sig. Supvr.
882a-Foster, F. E., Ch Eng.
693a-Foster, F. J., Dist. Str. Kpr.
523—Foster, G. H., V.-Pres.
563—Foster, G. H., Asst. Div. Supt.
1882a-Foster, G. L., Pres.
376—Foster, G. R., Treas.
693b-Foster, G. W., Gen. For. Eng. Hse.
1023—Foster, G. W., V.-Pres.
808—Foster, H., Asst. Aud.
195—Foster, H. D., Trav. Str. Kpr.
195—Foster, H. D., Gen. Aud.
513a-Foster, H. T., Asst. Treas.
617—Foster, J. H., Treas.
137a-Foster, J. R., Car For.
930a-Foster, L., Asst. Supt.
886—Foster, L. T., Div. Supt.
964—Foster, M., Gen. Rd. Mast.
194—Foster, M., Rd. Mast.
724—Foster, N. C., Pur. Agt.
1001d-Foster, N. H., Pur. Agt.
693b-Foster, O. M., Dist. S. M. P.
629—Foster, R. G., Asst. Eng.
577—Foster, R. W., M. M.
58b-Foster, W. E., Asst. Rd. For. Eng.
696—Foster, W. H., Gen. Supt.
137c-Foster, W. J., Loco. For.
392—Foster, W. J., Eng. Grade Cross.
204a-Foster, W. N., Div. M. M.
58a-Foster, W. N., Rd. For. Eng.
136a-Fouhy, T. J., Acct.
275—Foulkes, H., Supvr. Mail Serv.
724—Fountain, H. A., Treas.
137b-Fournier, H., Car For.
523—Fouse, F., Shop Supt.
927—Fowler, A. E., Aud.
847—Fowler, B., Gen. For. Car Dept.
47—Fowler, C., Rd. Mast.
198—Fowler, E. W., Asst. Gen. Mgr.
432—Fowler, E. W., Asst. Gen. Mgr.
382—Fowler, F. M., Car For.
946a-Fowler, G. S., Aud.
946a-Fowler, G. W., Treas.
137a-Fowler, H. B., Rnd. Hse. For.
676a-Fowler, H. E., Acct.
204a-Fowler, H. G., Asst. Supt. Trans.
395—Fowler, I. E., Rd. For. Eng.
1295—Fowler, J. T., Traf. Mgr.
428—Fowler, J. W., Supvr.
563—Fowler, T. W., Supvr. Sig.
646—Fowler, W. E., Ch. Eng.
931, 931a—Fowler, W. H., Gen. For. Car Rep.
305—Fowlkes, A. D., Aud.
927a-Fowlkes, C. C., Trk. Supvr.
705a-Fowlkes, E. T., Trk. Supvr
927a-Fowlkes, J. R., Rd. Mast.
632—Fox, C., Gen. Solr.
1878, 1910a—Fox, C. A., Chman., Chman.-Treas.
19, 846a—Fox, C. B., Pres.
139—Fox, C. H., Eng. Water Serv.
180—Fox, E., Div. Str. Kpr.
930—Fox, E., Asst. Traf. Mgr.
980—Fox, F. L., Treas.
139g-Fox, G. J., Supt.
693c-Fox, H. M., Supvr.
1463a-Fox, J. C., Traf. Mgr.
751a-Fox, J. M., Supvr.
186—Fox, J. S. Aud.
632—Fox, J. W., Car Acct.
342—Fox, J. W., Asst. to V.-Pres.
58a-Fox, M. P., Supvr. of Rd.
137b-Fox, P. H., Asst. Supt.
1420—Fox, T. D., Traf. Mgr.
382—Fox, W. E., Loco. For.
734—Fox, W. L., Mgr.
342—Foy, W. J., Asst. Supt. Air Brks.
40a-Frailey, F. H., Div. Eng.
383—Fraim, J. P., Supt. Maint. Way & Struct.
139g-Fraine, J. D., Supt.
195a-Frame, W. O., Rd. Mast.
693a-France, E. H., Rd. For. Eng
209—France, M. C., Boil. Insps.

930—France, R. L., Lum. & Fuel Agt.
139d-Frances, C. J., Rd. Mast.
693a-Francis, B.F., Supvr. B. & B.
201—Francis, F. C., Mgr. Bag. Mail & Exp. Traf.
751a-Francis, G. E., Gen. For.
1006a-Francis, L. L., Sec. & Mgr.
500—Francis, L. W., Pres.
1439a-Francis, P. E., Pres.
847—Francis, R.H., Rd. For. Equip
860a-Francis, W., Rd. Mast.
193—Francis, W. H., Asst. G.F.A
204b-Francisco, A., Rd. Mast.
1021—Francisco, G. E., Local Treas.
176—Franck, L. E., Gen. For. Car Dept.
670—Franco, J. J., Gen. Supt. Trans.
693b-Frank, A., Gen. For. Car Dept.
751c-Frank, E. L., For. Car Rep.
905—Frank, J. B., Sec.
693b-Frank, J. G., Supvr. Bldgs.
1071—Frank, M. H., Mgr. Rys.
751a-Frank, S. D., Asst. Supvr., Tel. & Sig.
930—Franke, F. D., Div. Str. Kpr.
213—Frankenburger, H. G., V.-Pres., Treas. & Gen. Mgr.
930—Franklin, C., Gen. Atty.
1814—Franklin, H. A., Sig. Eng.
927b-Franklin, W. B., For. Paint.
705—Franklin, W. O., Div. Supt.
696—Frantzen, O., Sig. Supvr.
14a-Franz, W. C., V.-Pres.
137—Fraser, A., Comm. Coun.
139—Fraser, A. C., Supt. Tel.
139f-Fraser, A. S., Rd Mast.
139—Fraser, D. S., Supt. Sl., Din. & Par. Car News Serv.
628a-Fraser, D.V., Asst. Pur. Agt
693b-Fraser, E. J., Supvr. Bldgs.
981—Fraser, H. W., Gen. Atty.
137c-Fraser, J., Str. Kpr.
137a-Fraser, J. A., Rnd. Hse. For.
137b-Fraser, J. B., Str. Kpr.
325—Fraser, J. D., Supt.
1848—Fraser, R. H., R. of W. Agt.
139e-Fraser, T. M., Rd. Mast.
40d-Frasier, A. S., Ch. Surg.
726e-Frates, Sr., J. A., V.-Pres.
726e-Frates, Jr., J. A. Sec. & Treas.
1913—Frauenthal, B. W., Sec. & Treas.
751c-Fravel, G. B., Asst. Gen. Supt. M. P.
297—Frazee, A. M., Elec. Eng.
927b-Frazer, E. J., Rd. For. Eng.
78—Frazer, R., Mgr. Dir.
1047—Frazer, S., Treas.
1067a-Frazer, T. C., V.-Pres.
176, 413—Frazier, H., Consit. Eng.
668—Frazier, H. S., G. F. & P. A.
396—Frazier, J. W., G. F. & P. A.
176—Frazier, L. F. Supvr. Trk.
847—Frazier, S. J., Supt.
180—Frazier, W. E., Supvr.
58b-Frazier, W. E., Rd. For. Eng.
693b-Frazine, G. H., Supvr. Bldg.
751b-Frech, W., Supvr. Tel. & Sig.
432—Frederick, A. L., Supt. C. S.
382—Frederick, D. J., Car For.
523—Frederick, F. J., Asst. Rd. For. Eng.
936a-Frederick, H. R., Eng. M. W.
322c-Fredericks, R. J., For. Sig. Maint.
571—Fredlund, C., Gen. Rd. For.
204a-Freebern, W. F., Div. Str. Kpr.
195b-Freed, H. R., Asst. G. F. A.
629—Freeland, E. L., Asst. Eng.
629—Freeman, A. J., Rd. Mast.
751a-Freeman, C. B., Supvr. Tel. & Sig.
600, 692x, 984—Freeman, E., Asst. Gen. Treas.
96—Freeman, F. B., Ch. Eng.
751—Freeman, H. J., Frt. Clm. Agt
382—Freeman, H. S., Office Eng.
693b-Freeman, J. A., Rd. For. Eng.
739a-Freeman, J. N., Sec. & Treas
176—Freeman, L. D., Asst. to Ch. Mech. Off.
294—Freeman, T. E., Gen. For. Loco. Dept.
964, 968b, 1034—Freeman, T. J., Gen. Solr., Gen. Coun.
886—Freeman, W. D., M. M.
280—Freeman, W. R., Recr. & Mgr.
58b—Freer, P. D., G. F. A.
847—Freiburg, F. C., G. F. A.
668—Freiler, C. L., Gen. Supt.
931a-Frels, J. E., M. M.
631—Fremon, J. A., V.-Pres.
229—French, C. C., Asst. Sig. Eng
647, 840, 1055—French, E. S., Pres., V.-Pres., Pres.
600—French, F., Sig. Supvr.
1057e-French, F. C., V.-Pres.
837—French, G. L. R., Gen. Mgr.
32a-French, J. J., Gen. Mgr.
195b-French, R. E., Rd. For.
549—Frendberg, A. F., Rd. Mast.
1001a-Frenzer, P. F., Supt. Tel.
1882a-Frericks, F. L., Sec. & Treas.
58a-Fretwell, C. L., Supvr. Rd
521—Fretz, T. J., G. F. & P. A.
176—Frentel, W. F., Supvr. Train Light.
137b-Freve, J. O., Car For.
705—Frew, J. S., Sig. Insp.
600—Frey, C. W., Shop Supt.
693b-Frey, W. J., Gen. For. Car Shops.
58b-Freygang, A. H., Div. Eng. M. W.
229e-Frick, G. H., Gen. Aud.
927a-Frick, J. M., Gen. For.
204a-Frick, O. H., Div. Supt.
808—Fried, G. J., Str. Kpr.
705—Friedell, W. J., Asst. Rd. For. Eng.
1486—Friedman, H. P., Traf. Mgr.
696—Friel, C., Trk. Supvr.
930—Friend, C. B., Asst. Aud.
137—Friend, C. E., Asst. Gen. Compt.
925—Friend, C. W., V.-Pres.
964—Friend, J. E., M. M.
405—Friend, L. R., Supt. Trans.
925—Friend, T. W., Treas.
1021—Frier, T. J., Pur. Agt.
195a-Frier, W., Gen. For. Loco. Rep.
58, 1854—Fries, A., V.-Pres., 2 V.-Pres.
698a-Fries, A. J., Dist. Supt. M. P.
1068—Fries, H. E., Pres. & Gen. Mgr
186—Friess, P. A., Rd. Mast.
886—Frink, E. A., Prin. Asst. Eng.
342—Frink, R. L., Gen. Atty.
137a—Fripp, F. B., Harbor Eng.
693a-Fripp, W. J. Gen. Mgr.
693a-Frisbie, A. N., Asst. Ch. Gen. Insp.
601—Frisbie, D. D., Pres.
1850d, 1861—Fritch, E. H., Sec. Eng. Div. & Const. & Maint. Sect. & Sec. Elect. Sect., Sec.
207—Fritch, L. C., V.-Pres.
58a-Fritchey, F. W., M. M.
137b-Frith, G. H., Div. Eng.
510—Fritz, J., V.-Pres.
927b-Fritz, J., Term. Supt.
382—Fritz, P. G., Trav. Eng.
204b-Fritzen, G., Rd. Mast.
797—Frizzell, T. D., Ch. Surg.
383—Froembling, A., Aud.
382—Frogner, J. A., Div. Supt.
342—Frohman, L. C., Prin. Asst. Eng. Maint.
298—Froling, E., Rd. Mast.
886—Fronaberger, J. Q., Rd. Mast
345—Fronsdahl, M., Sig. Maint.
139c-Frost, A., Rd. Mast.
306—Frost, A. H., Sec. & Treas.
176—Frost, D. R., Gen. Atty.
32a, 426a, 546a, 573, 663—Frost, E. A., Pres.
165—Frost, F., M. M.
778—Frost, F. W., Sec.
488a-Frost, F. W., Sec. & Treas.
627c-Frost, L., Gen. Str. Kpr.
139d-Frost, S. C., B. & B. Mast.
77—Frost, V. E., Pres.
751c-Frushour, H. T., Asst. Div. Eng.
279—Fry, B. F., Car For.
827—Fry, G. W., Pres.
58b-Fry, J. G., Gen. Frt. Agt.
45—Fry, J. W., Recr.
1001c-Fry, L. H., Rd. For. Eng.
466, 1057e—Fry, T. A., Treas. & Aud., Sec., Treas., Pur. Agt. & Aud.
798—Fry, W. S., Treas.
774—Fryberger, J. E., V.-Pres.
382—Fryburg, F. M., Asst. to Gen. Supt. M. P.
769—Frye, A. D., Supt. M. P.
930—Frye, A. K., Ind. Agt.
705a-Frye, J. C., Car For.
697—Fryer, C. V., Gen. For. Car Shop.
834—Fryer, T. B., Treas.
139f-Fryers, J. M., Asst. Supt.
751b-Frymire, B. M., Supvr.
726b, 848—Fuchs, R., Sec. & Treas.
407—Fuellhart, W. O., Pres. & Treas.
549—Fugina, A. R., Sig. Eng.
209—Fuhrman, F. E., Asst. Div. Supt.
241a-Fulbright, J., Pres. & Gen. Mgr.
241a-Fulbright, J. W., Sec. & Treas.
40a-Fuller, D. W., Asst. Sig. Eng.

428—Fuller, F. M., Gen. For Car Dept.
716—Fuller, F. W., Rd. Mast.
302—Fuller, J., Asst. Sec.
69—Fuller, J. T., Pres.
182—Fuller, L., Gen. Agri. Agt.
847—Fuller, L. C., Gen. For.
363—Fuller, M. B., Pres.
204b—Fuller, N. H., Div. Supt.
1507—Fuller, R. G., Mgr.
195a—Fuller W. E., Div. Supt.
886—Fuller, W. J., Rnd. Hse. For
886—Fuller. W. W., Safety Supvr.
716—Fullerton, D. K., Gen. Car For.
539—Fullerton, H. B., Dir. Agri.
393—Fullerton, Jr., R., V.-Pres.
1027—Fullerton, R. W., Pres.
1027—Fullerton, S. B., Sec.
393—Fullerton, S. H., Pres.
931a—Fullick, G. C., Supvr. B.&B.
600—Fulton, G. M., Rd. For. Eng.
137g—Fulton, H., Str. Kpr.
157—Fulton, H. I., Aud.
930—Fulton, J. M., Asst. G. F. & P. A.
472, 962—Fulton, M. T., Supvr. Safety & Gen. Fire Prev.
937—Fulton, T. B., Pres.
695c—Fultz, J., Supvr. Sig.
47—Funk, L. W., Asst. Eng.
47—Funk, W. M., Rd. Mast.
697—Funnell, W. H., Gen. For. Loco. Shops.
619—Funston, H. S., Land Comr.
7a—Fuqua, R. L., Asst. G. P. A.
1074—Furbar, C. H., Treas. & Gen. Mgr.
927b—Furman, B. F., Sig. Supvr.
401—Furman, T. P., Aud. & Traf. Mgr.
498—Furry, F. C., Asst. G. F. A.
333—Fush, J. M., Gen. Aud. & Treas.
693c—Futz. B. F., For. Paint.
1882c, 1932—Fyfe, R. C., Sec., Chman.

G

705—Gable, R., Gen. For.
428—Gable, R. J., Div. Str. Kpr.
847—Gabriel, H. E., Asst. Supt.
279—Gabriel, J. S., Str. Kpr.
40c—Gabriel, O., Rd. Mast.
58b—Gabriel, R. W., Asst. Div. Eng.
280—Gabrielson, O. W., Div. Rd. Mast.
159—Gaffeney, C. H., Supt. Tel.
1021—Gaffney, E. L., Aud.
666—Gaffney, Jr., J. F., Asst. G. P. A.
927a—Gaffney, J. F., Asst. Supt.
646—Gaffney, T. H., Rd. Mast.
523—Gafner, S. W., Asst. G. P. A.
600—Gage, A. M., Asst. Gen. Str. Kpr.
195a—Gage, P. W., Sig. Supvr.
137—Gage, R. G., Elec. Eng.
696—Gagel, E., Ch. Eng.
139d—Gagne, J., Rd. Mast.
345—Gagnon, J. F., Supt. Term.
345—Gagnon, L. E., Supt. M W.
139—Gahan, G. C., Gen. Aud.
157—Gaillard, G. S., Frt. Clm. Agt
137b—Gain, H. M., Asst. Supt.
58a—Gaher, C. E., Gen. For. Loco. Dept.
240—Gaines, G. S., Sec. & Treas.
964—Gaines, R. H., Eng. M. W.
927a—Gaines, W. M., Rd. For. Eng
927b—Gainey, J. J., Gen. For. Car Rep. & Insp.
886—Gaither, C. P., For. Frt. Agt.
137b—Galbraith, N., Rd. Mast.
817—Galbraith, W. F., M. M.
628a, 628b—Galbreath, A. W., Valua. Eng.
628a, 628b—Galbreath, W. V., Gen. Live Stock Agt.
146—Gale, J., Pres.
1830a—Gale, J. C., 1 V.-Chman.
146—Gale, J. W., Supt.
705—Gale, P. S., Ch. Surg.
210, 430—Gale, W. M., Treas.
439—Gall, W. A., Asst. Supt. Din. Cars.
137c—Gallacher, T. A., Rd. Mast.
677—Gallagher, C. A., V.-Pres. & Gen. Supt.
619—Gallagher, C. V., Asst. G. F. A
40a—Gallagher, H., Rd. For. Eng.
428—Gallagher, J., Supvr.
994—Gallagher, J., Rd. Mast.
927b—Gallagher, J., Asst. Eng. Maint.
930—Gallagher, J. F., Rd. Mast.
808—Gallagher, J. E., Rd. For. Eng.
716—Gallagher, L. J., Rd. For. Eng.
322c—Gallagher, R. C., For. Sig. Maint.
549—Gallagher, R. E., Asst. Elec. Eng.
204b—Gallagher, R. W., Rd. Mast.
930—Gallagher, T., Rd. Mast.
1704—Gallaher, E. Y., V.-Pres. & Compt.
279—Gallaher, J. A., Comrce. & Valua. Coun.
322a—Gallaher, J. M., Sig. Supvr.
40—Gallaher, T. B., G. F. & P. A.
137a—Gallant, G., Rd. Mast.
1001a—Gallavan, J. L., Gen. Rd. Mast
886—Gallaway, R. M., Asst. Rd. For. Eng.
293—Gallaway, R. S., Pres., Treas. & Gen. Mgr.
628b—Galleher, J. J., Rd. Mast.
628b—Galleher, N. C., Asst. Gen. Str. Kpr.
58b—Galleher, R. L., Asst. G. F. A.
139b—Gallivan, J., Rd. Mast.
696—Gallivan, J. H., Div. Eng.
58a—Galloway, A. K., Dist. M. M.
58, 1873—Galloway, C. W., V. Pres., Memb.
137d, 734a—Galloway, D. E., V.-Pres.
58b—Galloway, G. R., Dist. M. M
58, 59—Galloway, W. S., Pur. Agt.
395—Gallup, D. L., Compt.
127—Gallwey, H. A., Gen. Mgr.
670—Galvan, A., Div. Supt.
58a—Galvin, D. J., Supvr. Rd.
974—Gamble, E. L., Mgr.
886—Gamble, J. M. Rd. Mast.
1021—Gamble, J. S., Supvr.
847—Gamble, N. M., M. M.
139e—Gamble, R. A., Asst. Supt. Term.
1031—Gamble, W. J., Supt.
1025—Gambrell, J. C., V.-Pres. & Treas.
670—Gamez, J. R., Aud.
157—Gammart, A. F., For. Car Dept.
964—Gammie, R. J., Gen. Rd. Mast
342—Gammon, C. A., Gen. Car Insp.
596a—Gandara, J., Rd. Mast.
860—Gandy, G. S., Gen. For. Loco. Dept.
521—Gangawer, M. A., Ch. Tar. Bur.
808—Gangewere, E. P., Mech. Supvr.
40a—Ganley, M., Rd. Mast.
695—Gann, E. E., East. Coun.
629—Gann, J. C., Insp. Strs.
693a—Gannon, J. F., Rd. For. Eng.
726e—Gannon, J. P., M. M.
831—Gannon, M., Rd. Mast.
412—Gannon, R. D., Aud.
342—Gantt, J. J., Asst. Eng. Const.
1599b—Gantz, F. J., Traf. Mgr.
751a—Gantz, W. R., Mast. Carp.
207—Ganzert, A. E., Elec. Supvr.
58—Garaghty, W. C., Air Brk. Inst.
881—Garber, D. E. W., Aud.
629—Garber, O. A., Mech. Supt.
1458—Garbesi, V. L., Traf. Mgr.
989—Garcia, C. B., Rd. Mast.
670—Garcia, C. G., Prt. Agt.
599—Garcia, I., Supt. Trans.
1936—Garcia, J. A., 3 V.-Pres.
670—Garcia, J. C., Div. Supt.
670—Garcia, L., Rd. Mast.
695b—Gard, J. A., Rd. Mast.
137b—Garden, J. C., Gen. Supt. M. P. & Car Equip.
96—Gardiner, E. P., Asst. G. F. A.
97—Gardiner, J. E., Gen. Air Brk. Insp.
240—Gardner, A. F., Gen. Coun.
1021—Gardner, A. P., Div. Eng.
97—Gardner, A. W., Asst. Eng.
198—Gardner, C., Car For.
207—Gardner, C. C., Asst. G. P. A.
207—Gardner, C. J., Rd. Mast.
693c—Gardner, C. L., Supt.
705—Gardner, F. L., Gen. For.
751b—Gardner, Jr., G. C., M. M.
438—Gardner, G. E., Pur. Agt.
755a—Gardner, G. E., Str. Kpr.
142—Gardner G. L., V.-Pres.
58—Gardner, H., Spec. Eng.
97—Gardner, H. M., Sig. Supvr.
837—Gardner, H. P., Aud. & Frt. Clm. Agt.
35—Gardner, J. C., Sec. & Treas.
195—Gardner, J. E., Elec. Eng.
333—Gardner, J. G., Car Acct.
1028—Gardner J. M., Pres. & G. M.
229—Gardner, J. W., Asst. G. P. A.
506—Gardner, O. K., G. F. & P. A.
137c—Gardner, R. C., Sig. Supvr.
847—Gardner, S. R., Div. Str. Kpr.
498—Gardner, W. H., Asst. Eng.
1435—Gardner, W. H., Gen. Mgr.
181, 775—Garland, F. M., V.-Pres., V.-Pres. & Treas.

1510,1593b—Garland, F. M., Traf. Mgr.
804—Garland, G., Pur. Agt.
139a-Garland, W., Asst. Supt.
744—Garlick, W., Supt. & M. M
58a-Garner, E. M., Mast. Carp.
847—Garner, F. J., Rd. Hse. For
41—Garner, J. R., Ch. Surg.
628b-Garner, L. J., Str. Kpr.
1893a-Garner, W. B., 2 V.-Pres.
921—Garnett, J. E., Div. Str. Kpr.
757—Garnett, L. P., Div. Rd. Mast
392b-Garrabrant, J. R., Sig. Supvr.
176—Garretson, J. E., Gen. For. Loco. Dept.
632—Garrett, N. B., M. M.
1030a—Garrett, W. N., Treas.
693b-Garries, F. D., Rd. For. Eng.
751a-Garrigues, H. H., Gen. Supt.
779a-Garrigues, J., V.-Pres.
847—Garrison, C. H., Gen. For.
176—Garrison, E. P., Sig. Insp.
1877—Garrison, F. R., Sec.
245—Garrison, G. H., Treas. & Gen. Mgr.
847—Garrison, G. S., Rnd. Hse. For
176—Garrison, L., Supvr. B. & B.
693—Garrison, M. R., Ch. Tar Bu.
918a—Garrity, E. F., Sta. Str. Kpr.
930a-Garrod, R. D., Str. Kpr.
291, 677—Garry, A. H., Aud.
139g-Garstang, J. T., Rd. Mast.
1001b-Garvey, G., Rd. Mast.
204b-Garvey, V. H., Asst. Eng.
628b-Garvin, J. F., G. P. A.
693a-Gary, A. M., Ch. Elec.
388—Gary, F. E., Pres.
475—Gary, J. S., Gen. Car For.
927b-Gary, T. E., Asst. M. M.
670—Garza, R. A., Frt. Agt.
673—Gasaway, H. E., Rd. Mast.
850—Gaskiel, M. W., Pres.
275—Gaskill, W. H., Frt. Clm. Agt.
204a-Gasper, H., Rd. Mast.
927b-Gass, J. L., Supvr. B. & B.
394a-Gaston, J. L., Gen. Clm. Agt.
428—Gatch, P. M., Ch. Gen. Clm. Agt.
927—Gatchell, W. H., Asst. to V.-Pres.
39, 344a-Gates, C. C., V.-Pres.
927b-Gates, C. R., Trk. Supvr.
39—Gates, C. W., Pres.
344a-Gates, D. C., Sec., Asst. Treas. & Gen. Mgr.
97—Gates, E. F., Sup vr. Sig.
39—Gates, E. W., Asst. Sec. & Asst. Treas.
619, 1899a—Gates, F. M., Supt. C. S., Pres.
1700—Gates, J. H., Gen. Mgr.
497—Gates, W. A., G. F. A.
980—Gates, W. M., Rd. Mast.
40b-Gatewood, R. J., Div. Eng.
382—Gathman, G. A., Asst. Sig. Supvr.
886—Gattis, C. H., Asst. G. P. A.
927a-Gattmann, C. L., For. Paint
756a-Gatz, P., Rd. Mast.
61, 751—Gauff, J. P., R. E. Agt.
39—Gaughan, T. J., Gen. Atty.
49—Gaul, F., Rd. Mast.
382—Gaul, L., Supt. Shop.
40c-Gauldin, B. F., Rd. Mast.
186—Gault, P. F., Commr. Atty.
428—Gault, P. M., Asst. Sig. Eng.
106—Gaunt, A., Sec.
381b-Gaunt, W. T., G. F. & P. A.
170—Gausby, H. S., Sec. & Treas.
137g-Gaut, J. B. Supt. B. & B.
97—Gauthier, A. L., Supvr. B. & B.
1070—Gauthier, J., Supt. & M. M.
392—Gavin, F. J., Gen. Supt.
388a-Gay, Jr., C. E., Recr. & Gen. Mgr. for Recr.
716—Gay, E. A., Sec. & Asst. Treas.
142c-Gay, T. B., Gen. Coun.
75—Gayle, J. M., Aud.
1024a-Gaylord, C. E., Treas.
207—Gaylord, C. H., Asst. Eng.
195—Gaylord, E. F., Car Acct.
930—Gaylord, G. E., Div. Supt.
479—Gaylord, H., Asst. to Pres.
97—Gayne, A., Asst. B. & B. Supvr.
677—Gazeley, G. J., Treas. & Asst. Sec.
151a-Gazin, A. H., M. M.
472—Gazin, L. M., Supvr. Power Plants.
649—Gearhart, G. H., Gen. Mgr.
718c-Geary, J. J., G. F. & P. A.
751b-Geary, P. X., Supvr.
1039—Gebelein, H. A., Gen. East. Frt. Agt.
209—Gebhardt, J. M., For. Rnd. Hse.
523—Gebhardt, R. L., Div. Supt.
751b-Geddes, D. Y., Div. Supt.
635—Geddes, J. R., Supt.
249—Geddes, W. C., V.-Pres.
47—Geddie, D. M., Asst. Str. Kpr
1013—Gee, E., Pres.
1021—Gee, W. R., Supvr.
209—Geelan, C. E., Rd. Mast.
204b-Geelhart, H. M., Rd. Mast.
751c-Geer, I. W., Asst. Gen. Mgr.
137g-Geer, W. A., Asst. Gen. Atty.
1703—Gefvert, J. C., Supt. Supp.
1039—Gehlert, S. R., Treas. & Asst. Sec.
1673—Gehm, H. V., Pres. & Gen. Mgr.
751c-Gehr, B. F., Mast. Carp.
751—Gehret, S. S., Gen. Shop For.
629—Gehring, J. G., Div. Str. Kpr.
751a-Geib, F. A., Gen. For.
751b-Geib, H. R., Supvr.
137f, 1876a-Geibel, F. E., Asst. Supt. Equip., Pres.
693c-Geiger, C. A., Asst. Div. Eng.
699x-Geiser, W. B., Ch. Chem.
751a-Geisking, C., Gen. For.
751a-Geisking, H. W., For. Mach. Shop.
886—Geissler, F., Asst. Pass. Traf. Mgr.
504a-Geist, J. G., Car Acct.
693—Gelatt, D. E., Asst. Frt. Traf. Mgr.
58b-Geldhausen, F. R., M. M.
392b-Geller, L. H., Gen. Frt. Agt.
847—Gelwix, D. E., Div. Eng.
621—Gemmell, W. H., Pres. & Gen. Mgr.
751b-Gensheimer, J. S., Ch. Sig. Insp.
521—Genther, J. S., Gen. Str. Kpr.
629—Gentine, P. F., Supvr. B. & B.
201, 205a—Gentle, E. S., Aud.
123—Gentner, C. E., Rd. Mast.
1001b-Gentsch, F. W., Supt. Din. Cars & Hotel Dept.
432—Genung, O. C., Supt.
123—Genzmer, A. L., Asst. Aud.
882—Geomans, H. E., Div. Eng.
70—George, A. N., Pur. Agt.
1540, 1556b—George, C. H., Gen. Traf. Mgr.
278—George, H., Asst. Treas.
705a-George, J. F., Treas.
705—George, J. L., Asst. Supt. Tele
42—George, J. W., Gen. For.
629—George, R. G., For. Car Dept
450—George, W. A., M. M.
70—George, W. H., Sec. & G. M
180—Gephart, E., Gen. Supvr. B. & B.
1611—Geraghty, J. L., Traf. Mgr.
927—Gerber, J. W., Gen. Str. Kpr.
40a-Gerdin, G. P., Rd. For. Eng
778—Gerg, F. E., Supt. M. P. & Equip.
125—Gerhardt, P. L., Mgr.
1276—Gerhart, H. E., Supt. Tank Car Dept.
204a-Gerhart, L., Sig. Supvr.
979—Gerkens, J. H., Treas.
646—German, H. J., Pres.
523—German, H. R., Asst. Sec.
207—Germer, W., Rd. For. Equip.
930—Gernreich, H. R., Div. Supt.
182—Gerrard, R. C., Dist. Str. Kpr.
201, 205a—Gersbach, O. H., Ch. Eng.
600—Gertz, C., For. Paint.
1081—Gething, F., M. M.
392b-Getman, F., Mast. Carp.
494—Getter, C. W., Treas.
494—Getter, J. P., Pres. & Gen. Mgr.
1845—Gettle, L. E., Chman.
1907—Gettrust, J. F., 2 V.-Pres.
751c-Getty, C. W., Asst. G. P. A.
428—Getty, W. T., Trav. Eng.
1899—Getzen, J. M., Treas.
778—Geuder, A. G., Supt. Trans.
832—Geveden, C. H., Aud.
176—Geyer, C. J., Asst. Supt. M. W
316—Geyne, A. J., Asst. Bus. Mgr.
808—Gheen, W. B., Coal Frt. Agt.
639a-Giacomini, T. P., Gen. Mgr.
800—Giasson, E. G., Aud.
137c-Gibb, W., Loco. For.
705—Gibboney, J. H., Chemist.
1852a-Gibbon, J. M., V.-Pres.
40b-Gibbons, E. J., Gen. For.
756—Gibbons, E. T., Treas.
847—Gibbons, F., Rd. Hse. For.
19, 846a—Gibbons, G. R., V.-Pres. & Sec., V.-Pres.
907—Gibbons, J., Div. Str. Kpr.
727—Gibbons, J., G. F. A.
696—Gibbons, J. M., Gen. Atty.
40a-Gibbons, J. W., Gen. For.
705—Gibbons, W. A., Aud.
929—Gibbons, W. R., R. E. & Tax Agt.
1859—Gibbs, C. E., V.-Pres.
179a-Gibbs, C. W., Gen. Mgr.
539—Gibbs, G., Ch. Eng. Elec. Track., Eng. Div., Chm. Elec. Sect.
628a-Gibbs, J. M., Supvr. B. & B.

847—Gibbs, M. D., Gen. For. B. & E. & W. S.
547b-Gibbs S. V., Pres.
901—Gibbs, W. M., V.-Pres. & Gen. Mgr.
58b-Giblin, W. J., Asst.Str.Kpr.
1598—Gibney, G. H., Dist. Supt.
716—Gibson, A., Supt. Tie & Timber Presv.
930—Gibson, C. L., M. M.
799—Gibson, E. L., Div. Eng.
886—Gibson, E. T., Div. Supt.
137b-Gibson, G., Supvr. Sig.
977—Gibson, H. A., Supt.
204a-Gibson, H. F., Asst. Supt. Term.
58a-Gibson, H. R., Div. Eng.
475—Gibson, H. W., Recr.
726—Gibson, J. J., V.-Pres.
847—Gibson, J.K., Asst. to Supt. M. P.
395a-Gibson, J. S., Aud.
1006a-Gibson, O.V., Asst. Traf. Mgr
176—Gibson, R. H., Supvr. Trk.
1810—Gibson, W. H., Comr.
1818—Giddings, G. F., Clerk.
677—Gideon, F.A. Asst. Gen. Supt
40a-Gidney, J. H., Rd. Mast.
670—Gie, R. V., Const. Eng.
683—Gieger. J. M., Sec.
40c-Giegoldt, G., For. Paint.
1977—Giesler, E. C., Traf. Mgr.
838—Giessing, C. H., V.-Pres. & Gen. Mgr.
930—Giffin, O. F., Asst.
695b-Giffin, W. J., Gen. For.
1876—Giger, R. E., Sec.
176—Gigley, C. E., Gen. For.
891—Gigilliati, R. D., Ch. Eng.
1001c-Gignoux, C. C., Asst. Supvr. Agri.
930—Gilbert, A. J., Rd. Mast.
229—Gilbert, A.M., Div. Sig. Insp.
176—Gilbert, A.P., Frt. Traf. Mgr
42—Gilbert, A. V. B., Pur. Agt.
627c-Gilbert, C., Pres.
629—Gilbert, C. A., For. Paint.
297—Gilbert, C. B., Asst. Supt.
472—Gilbert C. C., Str. Kpr.
693a-Gilbert, C. T., Rd. For. Eng.
930—Gilbert, E. A., Gen. Mast. Car Rep.
40c-Gilbert, E. B., Rd. For. Eng.
927b-Gilbert, G. H., Eng. Brdgs.
47—Gilbert, H. K., Str. Kpr.
204—Gilbert, J., Sec. & Asst. Treas.
186—Gilbert, L., Rd. Mast.
555—Gilbert, L. D., Pres.
40b-Gilbert, L.W., Rd. For. Eng.
549—Gilbert, M. K., Asst. Sec.
273—Gilbert, P. E., V.-Pres.
176—Gilbert, W., Insp. Water Supply.
92a-Gilbert, W. C., Gen. Coun
180—Gilbertson, S. J., Asst. Supvr. B. & B.
183—Gilchrist, J. F., Pres.
299—Gilchrist, J. J., Rd. For. Eng.
591—Gilcreast, F. W., Eng. M. W
182—Gildersleeve, C.A., For. Loco. Paint.
549—Giles, C. F., Supt. Mchy.
275—Giles, E. S., Coal Frt. Agt.
199—Giles, G. E., Ch. Eng.
1908—Giles, G. S., V.-Pres.
195b-Giles, W. F., Div. Supt.
195a-Giles, Jr., W. F., Sig. Supvr
629—Giles, W. H., Asst. Eng.
40—Gilfillan, C.R., Asst. L.S. Agt
622—Gilkey, H. S., Sec.
157—Gilkey, H. H., Supvr. B.&B.
204a-Gilkison, J., Rd. Mast.
946—Gill, A. L., Rd. Mast.
607—Gill. A. S., Treas.
927b-Gill, A. W., Asst. G. F. A.
58a-Gill, C. A., Supt. M. P.
1643—Gill. G. E., Traf. Mgr.
87, 395a-Gill. J. O., G. F. & P. A., G. F. A.
751a-Gill, M. E., Supvr.
302, 769—Gill, W. T., Asst. to Gen. Mgr.
428—Gillam, W.R., Rd. Mast.
808—Gilland, J. M., Trans. Asst.
382—Gillard. G. J., Car For.
619—Gillaspy, J. F., Trav. Eng.
886—Gilleland, G. W., Supt. M. P.
596—Gillesby, W. F., Gen. Aud.
305a-Gillespie. A. E., Gen. Supt. & Asst. Treas.
942—Gillespie, C. B., V.-Pres.
176—Gillespie, E. M., Gen. For.
362—Gillespie, F. A., Sec. & Treas.
964—Gillespie, F. P., Supt. Tel.
176—Gillespie, H. C., M. M.
847—Gillespie, W. J., Gen. For. Car Dept.
956d-Gillett, D. C., Pres.
1338—Gillette, G. P., Traf. Mgr.
40c-Gillette, K. H., Asst. G.F.A.
342—Gillette, L. A., Struct. Eng.
186—Gillette, S. H., Asst. G.F.A.
136—Gillham. O. D., Sec.
136—Gillham, R. P., V.-Pres.
847—Gillham, J. B., Gen. For. Car Dept.
628b-Gilham, R. C., Rd. Mast.
204b-Gillick, H. M., Div. Supt.
203, 204, 284-Gillick, J.T., V.-Pres., Ch. Oper. Off., V.-Pres.
137b-Gillies, J., Loco. For.
40b-Gillies, J.A., Asst. Div. Supt.
539—Gillies, W.H., Gen. For. Elec. Equip.
96—Gilligan, F.H., Supvr. B.& B.
1895—Gillingham, W.J., Hon. Dir.
696—Gilliotti. J., Trk. Supvr.
696—Gillis, A. D., B. & B. Supvr.
137a-Gillis, D. S., Car For.
960b-Gillis. F. E., Sec., Treas., Aud., G. F. & P. A. & Frt. Clm. Agt.
139—Gillis, H. W., Asst. G. F. A.
611a. 875—Gillis, R. C., V.-Pres.
1800a-Gillis, T. A., Asst. to Sec.
718c-Gillogly, M. L., Supt.
209—Gilman, A. F., Asst. Eng.
204—Gilman, C. R., Car Light. Eng.
718c-Gilman, F. H., Asst. Eng.
204b-Gilman, J. M., Struct. Eng.
382—Gilman, L. C., V.-Pres.
440a-Gilmer, G. H., Gen. Mgr.
927a-Gilmer, J. S., For. Paint.
1840—Gilmore, C. E., Chman.
176—Gilmore, C. L., Rd. I or. Eng.
1040—Gilmore, C. P., Gen. Supvr. M. W. & S.
575—Gilmore, H. B., Asst. Sec.
666—Gilmore, J. E., Trav. Eng.
927b—Gilmore, J. M., For. Paint.
195b—Gilmore, J. T., Rd. Mast.
382—Gilmore, L.J., Dist. Rd. Mast.
58b—Gilmore, R. W., Gen. For Loco. Dept.
47—Gilmore, W. A., Rd. Mast.
58b—Gilmore, W. A., Gen. For. Loco. Dept.
137c—Gilmour, A.C., Frt. Clm. Agt.
137b-Gilmour, R., Asst. Gen. Supt
143ca-Gilroy, J. J., Traf. Mgr.
930—Gilson, A. J., M. C. Reps.
1022—Gilster, J. F., Recr.
715—Giltner. J. W., Ch. Clm. Agt.
1021—Gimpel, J. H., Asst. Supt. Car Dept.
847—Gimson. W. H. Gen. For.
275—Gingel, F. H., Air Brk. Inst.
186—Gingrass, E. L., Rd. For. Eng.
176—Ginn, F. J., Supt. Agencies
137c-Ginnelly, T., Asst. Frt. Clm. Agt.
137b-Ginty, J. J., Supt. Sig.
209—Gipple, D., For. Paint.
137—Girard, W., Dist. Plant Supt.
497—Giugliano, G., Traf. Mgr.
930—Given, J. A., Div. Eng.
632—Given, W. J., Div. Str. Kpr.
716—Gjertsen, G.H., Mast. Welder
97—Gladden, E.L., B.& B. Supvr.
143—Gladden, W. H., Aud.
186—Gladhill, P. O., Asst. Supvr. Sig.
1443a-Glaser, G. D., Pres.
771—Glaser, J. P., Aud.
137c-Glass, C. D., Asst. Supt.
286—Glass, C. E., V.-Pres. & Aud.
751b-Glass, R. M., Rd. For. Eng.
176—Glass, W. L., Rd. For. Eng.
303b-Glatfelter, U. L., Pres. & Gen. Mgr.
751b-Glavin, E., Supvr.
1001b, 1896—Glaze, H. B., Fire & Scale Insp., V.-Pres.
137c-Glazebrook, J., Car For.
693, 693c—Glazier, G. M., Aud., Gen. Aud.
178—Gleason, A. H., V.-Pres.
1040—Gleason, E. E., Mech. Eng.
176—Gleason, J. A., Supt. Tel.
1476—Gleason, M. E., Traf. Mgr.
58b—Gleeson, M. A., M. M.
523—Gleeson, W. F., Clm. Atty.
73, 395—Glen, J. A., 2 V.-Pres. & Supt., Div. Supt.
88a-Glen, J. B., Supt.
808—Glenn, Jr., D. C., Str. Kpr.
1816—Glenn, M. R., Comr.
692x-Glennon, E.T., Asst. V.-Pres.
204a-Glenny, W.M., Div. Str. Kpr.
58—Glessner, C. C., Gen. Frt. Clm. Agt.
182—Glidden, E. R., Div. Supt.
547—Gloster, A. B., Rd. Mast.
47—Glover, F. L., Asst. to Frt. Traf. Mgr.
744—Glover, M., Aud.
931—Glover, R. M., Supt.
724—Gloyd, T., Rd. Mast.
1844—Gluesenkamp, F., Sec.
673—Glynn, J., Gen. Atty.
428—Glynn, P., Rd. Mast.
751b-Glynn, W. C., Frt. Traf. Mgr.

314—Gnadinger, O. F., Supvr. Safety.
1899—Gnichtel, F. W., Comr.
137b-Goad, G. N., Supt.
137c-Goble, G., Str. Kpr.
428—Goddard, C. M., Supvr.
428—Goddard, E. E., Sig. Supvr.
521—Goddard, F. W. D., Asst. G. F. & P. A.
1414a-Goddard, J. L., Traf. Mgr.
137—Godfrey, G. A., Asst. Gen. Aud.
736—Godfrey, J. E., Aud.
648—Godin, R. N., Supt. Shops & Power.
629—Godt, A. A., Asst. G. F. A.
1001b-Godwin, H. E., G. F. A.
428—Goe, R. B., Supvr. Weigh. & Insp.
218a-Goebel, F. J., Sec. & Gen. Atty.
679—Goehringer, M. L., Sig. Supvr
299—Goeke, J. B., Asst. Aud.
40a-Goeldner, E. A., Asst. to Gen. Mgr.
468c-Goelitzer, C., Sec. & Aud.
275—Goeppert, G. E., Sig. Supvr.
195—Goerner, G. A., Str. Kpr.
705—Goetz, F. W., Asst. Rd. For. Eng.
1449a-Goff, A. T., Traf. Mgr.
923a—Goff, C. G., M. M.
40a—Goff, I. L., Div. Fuel Supvr.
18, 530—Goff, T., Rd. Mast.
394a, 439—Goforth, L. S., G. F. A.
1001a—Gogerty, J., M. M.
808—Gohl, J. W., Supvr.
879b-Gohmert, R. L., Frt. Clm. Agt
40c-Goin, G. L., Asst. G. F. A.
751—Goings, C. E., Sig. Eng.
47—Goins, J. J., Asst. Str. Kpr.
137b-Gokey, J. C., Supvr. Water Serv.
40a-Gold, C. B., Gen. For.
265—Gold, C. H., Traf. Mgr.
886—Gold, M. H., Supt.
24—Goldbaum, J., Local Treas.
1820—Goldberg, L., Comr.
1020c-Goldblatt, M. B., Aud.
616—Golden, R. N., G. F. A.
186—Golden, W. B., Asst. Div. Supt.
757—Goldie, F. W., Asst. G. F. A
930a-Goldman, S. B., Asst. Aud.
673—Goldsberry, W. F., Supt.
539—Goldsmith, E. L., Supt. Constr.
322a-Goldsmith, G., Shop. Supt.
851—Goldsmith, J. N., Asst. to Pres., Gen. Aud. & G. F. & P. A.
195b-Goldstine, W. C., Gen. For.
549—Goldthwaite, R. S., Rd. Mast.
157—Golsan, W. R., Rd. Mast.
1076b-Goltra, E. F., V.-Pres.
670—Gomez, J. I., Gen. Pur. Agt
58b-Gonnerman, W. K., Supt. Shop.
751a—Gonsar, P. F., Mast. Carp.
670—Gonzales, J. M., Div. Eng.
670—Gonzalez, M. S., Rd. Mast.
137—Gooch, E., Asst. to Gen. Pass. Tr. Mgr.
176—Gooch, J. M., Rd. For. Eng.
600—Good, G. W., Supvr. Shops
204b-Good, R. A., Div. Str. Kpr.
864—Good, T. E., V.-Pres. & Gen. Mgr.
139—Goodchild, A. A., Gen. Str. Kpr.
137c-Goodell, C., Loco. For.
727—Gooden, A. M., Pur. Agt.
724—Goodenough, W. H., Supt.
139—Goodfellow, E. H., Supt. Tel.
930—Goodfellow, J. C., Asst. Div. Supt.
274—Goodhart, G. M., Sig. Supvr.
731—Gooding, I. L. C., Treas.
886—Gooding, W. J., Div. Eng.
931a—Goodloe, G. B., Div. Supt.
927—Goodloe, J. T., Div. Str. Kpr.
927a—Goodman, J., Supvr. B. & B.
808—Goodman, J. S., Div. Eng.
1051—Goodman, W. J., Rd. For. Eng
776a—Goodner, W H., Traf. Agt.
1702—Goodrich, E. H., Supt.
1446a-Goodrich, H., Traf. Mgr.
1008a-Goodrich. H. A., Sec. & Treas
86a-Goodrich, H. C., Ch. Eng.
471—Goodrich, J. E., Coun.
1067a-Goodrich, J. P., Sec. & Treas.
378a-Goodrich, L. A., Sec., Treas. & Traf. Mgr.
693a-Goodrich. M., M. M.
329—Goodrich. M. N., Sec.
1800—Goodrich, W. G., Sec. Short Line Sect.
365—Goodrich. W. H., Ch. Surg.
382—Goodrie, J., Dist. Rd. Mast.
1001a-Goodsell, J O., Asst. G. P. A.
600—Goodship, G. E., Asst. Supt. Term.
716—Goodsill. M. M., G. P. A.
886—Goodwin, C. A., Rd. For. Insp
693a-Goodwin, C. J., Ch. Gen. Insp
927—Goodwin, E. G., Fuel Agt.
176—Goodwin, E. P., Asst to Gen. Mgr.
96—Goodwin, E. W., Asst. G. P. A.
207—Goodwin, G. S., Mech. Eng.
137a-Goodwin, H. K., Asst. Treas.
1818—Goodwin, J. E., Ch. Eng.
428—Goodwin, J. V., Sig. Insp.
683—Goodyear, A. C., Pres.
683—Goodyear, C. W., Treas.
683—Goodyear, F. H., V.-Pres.
927b-Goodyear, G. A., Gen. For. Car Rep.
382—Goos, J. H., Insp. Eng.
137a-Gorbell, A. P., Asst. Supt. Trans.
1003—Gorby, F. E., Supt.
487—Gordon, C. B., Compt.
1025—Gordon, C. P., Sec.
930—Gordon, E., M. M.
751c-Gordon. E. C., Rd. For. Eng.
271a-Gordon, F. L., G. F. & P. A.
137c-Gordon. G., Loco. For.
382—Gordon. G., Loco. For.
499—Gordon, G. H., Gen. Coun.
92a-Gordon, G. R., G. P. A.
394a-Gordon, H. J., Rd. Mast.
137c-Gordon, J., Asst. Elec. Eng.
1001a-Gordon, J., Rd. Mast.
137c-Gordon, J. E., Rd. Mast.
106—Gordon, J. R., Traf. Mgr.
49—Gordon, J. S., Gen. Mgr.
1001c-Gordon, L. F., Gen. Clm. Agt.
97—Gordon, L. H., Scale Supvr.
139g-Gordon, P., Rd. Mast.
40—Gordon, R. S., G. B. A.
58a-Gordon, T. H., Asst. Eng. Maint. Way & Struct.
137b-Gordon, W. B., Asst. Gen. Str Kpr.
1054—Gordon, W. D., Supt.
139h-Gordon, W. H. Asst. Supt.
1701—Gordon, W. M., Supt.
1020c-Gore, W. A., Gen. Mgr.
137g-Gormaly, C. A., For'n Frt. Agt.
808—Gorman, E. F., Res. Eng.
137g-Gorman, E. F., Supt.
209—Gorman, E. R., Supt. M. P. & Mach.
137c-Gorman, J., Supt. Sl., Din., Par. Cars & Ry. Rest.
557—Gorman, J. C., Supt.
207—Gorman, J. E., Pres.
927b-Gorman, J. F., Gen. For.
632—Gorman, L. E., Trk. Supvr.
425—Gormley, J. D., Sec. & Asst. Treas.
1850k-Gormley, M. J., Chman. Car Serv. Div.
931—Gorr, J. A., Div. Eng.
58a-Gorsuch, C. B., Div. Supt.
1039—Gorsuch, J. L., Sta.
58a-Gorsuch. C. W., Trans. Asst
279, 821—Gorton, J. E., Car Acct.
1059a-Goslin, T. S., G. F. A.
58—Gosnell, E. L., Asst. to Ch. Eng.
306a-Goss. R. G., Pur. Agt.
137b-Gosselin, R. A., Str. Kpr.
137b-Gossett, R. S., Aud.
616—Gossett. P., For. Rd. Hse.
361a-Gossrau, E. E., Gen. Mgr.
382—Gosswiller, M. F., Loco. For.
432—Gottschalk, E. J., Asst. to V.-Pres.
1850c-Gottschalk. J., Sec. Div. Traf.
137c-Gouge, F., Car For.
36—Gould, A. R., Pres.
186—Gould, A. R., Asst. Frt. & Pass. Traf. Mgr.
195a-Gould, C., Asst. Mast. Carp.
721—Gould, C. K., Sec.
860—Gould, E., Chman. of Bd.
194—Gould, F. L., Aud.
860—Gould, F. M., V.-Pres.
374—Gould, H. P., Pres.
204a-Gould, J. J., Rd. Mast.
683—Gould, J. L., Supt.
176—Gould. J. R., Asst. to Ch. Mech. Off.
964—Gould, K., V.-Pres.
36—Gould, L. E., V.-Pres.
866—Gould, R., Supt. Power Dept.
137c-Gould, V., Str. Kpr.
673—Gould, W. T., Ch. Eng.
286c-Gouldburg, F. D., Gen Mgr.
382—Goulden, J., Dist. Rd. Mast.
930—Goulden, P., Rd. Mast.
157—Goulding, F. R., Supvr. Trk.
204a-Gove, J., Div. Str. Kpr.
916, 1898—Gove, W. G., Supt. Equip., V.-Pres.
314—Govert, W., M. C. B.
847—Gow, F. C., Asst. Supt.
734, 751—Gowan, J. E., Pres., Asst. Gen. Solr.
108—Goward, A. T., V.-Pres. Pres.

1491—Goward, V. C., Supt. Trans.
234, 349—Gowdy, R. C., Ch. Eng.
1015a—Gower, W. B., Gen. Aud.
1854—Gowin, J. D., Sec. & Treas.
751—Gowland. S. I., Asst. Gen. Str. Kpr.
182—Grabbs, W., Asst. Sig. Supvr.
137g—Grabill, L.L., Gen. Bag. Agt.
342—Grabill, S., Str. Kpr.
1800b—Grable, E. F., Comr.
497—Grable, J. K., Gen. Supt.
137—Graburn, A. L., Asst. Gen. Fuel Agt.
628b—Grace, F. W., Supt.
204a—Grace, S. G., Asst. G. F. A.
137c—Gracey, T. J., Asst. Compt.
204a—Gradt, C., Ch. Carp.
1466a, 1583c—Grady, J. J., Traf. Mgr.
137a—Grady, T. B., Supt.
314—Grady, W., Rd. For. Eng.
1899—Graeber, G., Pres.
195a Graf, C. R., Rd. For. Loco.
275—Graf, J. J., Tel. Eng.
58b—Graf, W., Rd. For. Eng.
322—Graff, F. M., Supt. Prod.
388—Graff, W. A., V.-Pres.
1409—Graffam, H. T., Gen. Mgr.
600—Grafford, G. W., Rd. Mast.
58b—Grafton, J. H., Asst. Str. Kpr.
1699c—Graham, A. C., Traf. Mgr.
927a—Graham, A. H., Asst. Eng. Maint.
705—Graham, A. J., Asst. Rd. For. Eng.
160—Graham, C. E., V.-Pres. & Treas.
1700—Graham, C.R., Gen. Mgr.
1021—Graham, C. W., Gen. For. Car Dept.
63—Graham, E.M., Pres. & Gen. Mgr.
200—Graham, E. M., Prin. Asst. Eng.
584—Graham, F. M., M. M.
751c—Graham, F. M., Div. Eng.
289—Graham, G. E., Gen. Mgr.
699—Graham, G. S., Gen. Coun.
137c—Graham, H., B. & B. Mast.
137c—Graham, H. G., Loco. For.
275—Graham, H. J., Gen. West. Frt. Agt.
547—Graham, H. L., Supt. Terms.
761—Graham, H. S., G. F. & P. A.
137a—Graham, J., Wks. Mgr.
139b—Graham, J., Rd. Mast.
632—Graham, J. R., Trk. Supvr.
1—Graham, J. W., 2 V.-Pres.
695c—Graham, J. W., Traf. Mgr.
137c—Graham, J. W., B. & B. Mast.
137c—Graham, R. H., Commy Buyer.
40a—Graham, R. K., Div. Str. Kpr.
751a—Graham, R. P., Supvr.
137c—Graham, R. W., Supt. Const.
186—Graham, S. C., Div. M. M.
137b—Graham, W., B. & B. Mast.
439—Graham, W. B., Asst. to Supt. M. P.
58b—Graham, W. E., Supvr. Rds
65—Graham, W. L., Car Acct.
751—Grammer, P. L., Asst. to Pur. Agt.
274—Gramp, C. M., Sig. Supvr.

987—Granbury, C. B., V.-Pres. & Mgr.
517—Grandin, G. W., Pres. & Gen. Mgr.
40c-Grandy, W. S., Div. For.
6—Graner, A. L., V.-Pres. & Treas.
58a-Graney, M. A., Gen. For. Loco. Dept.
186—Grange, H., Gen. For.
617a-Granger, W. B., Aud.
180—Grant, A., Supt. C. S.
141—Grant, C. L., Recr.
137—Grant, D. C., V.-Pres.
1001a-Grant, E. C., Supvr. Sig.
97—Grant, F. T., Asst. to V.-Pres.
137b-Grant, G., Prin. Asst. Eng.
1892—Grant, G. G., Asst Sec.
629—Grant, H. S., Insp. Trans,
1644—Grant, H. W., Recr.
137c-Grant, J., Car For.
47—Grant, J., Gen. For.
726e-Grant, J. H., Gen. Coun.
692x—Grant, J. R., Asst. to V.-Pres.
137b-Grant, O., Supt. Shops.
787a—Grasser, N. F., Asst. Supt.
1006b-Graston, M. E., Frt. Clm. Agt.
629—Gratiot. F. W., Rd. For. Eng.
1001d-Grattan, D., Shop Supt.
279—Grattan, J., Div. Rd. Mast.
123, 1850e—Gratton, J., Gen. For. Paint., 1 V.-Chman.
137a-Gratton, J. A., Rnd. Hse. For.
469—Gratton, P., Rd. Mast.
137b-Gravelle, J., Car For.
137g-Gravelle. R. A., Asst. Eng.
1665—Graves, B. C., V.-Pres. Car Serv.
727—Graves, C. A., V.-Pres. & Gen. Mgr.
886—Graves, C. C., Asst. G. F. A.
964—Graves, D. R., Sig. Supvr.
886—Graves, E. Y., Supt. Sta. & Transf.
96—Graves, F. H. C., Asst. Trk. Supvr.
186—Graves, H. G., G. B. A.
927a-Graves, I. L., Asst. G. F. A.
259—Graves, J. F., G. F. & P. A.
692x—Graves, J. K., Asst. to V.-Pres.
322a-Graves, J. W., Div. Eng.
97—Graves, R. J., Ch. Surg.
549—Graves, R. N., Supvr
930—Graw, L. C., Asst. Div. Supt.
137c-Gray, A., Car For.
137a-Gray, A. J., Asst. G. F. A.
395a-Gray, B. H., Supt. M. P.
751b-Gray, C. B., M. M.
1001, 1850—Gray, C. R., Pres., Dir. & Exec. Comm.
1039—Gray, D. G., V.-Pres.
322—Gray, D. L., V.-Pres.
241a-Gray, F. N., V.-Pres.
82—Gray, G. M., S. M. P.
629—Gray, G. W., Elec. Supvr.
724—Gray, H. G., Aud.
931—Gray, H. H., Asst. G. P. A.
137a-Gray, H. I., Rd. Mast.
428- Gray, H. S., Asst. G. P. A.
159—Gray, J. B., Ch. of Police.
1352—Gray, J. E., Traf. Mgr.
955—Gray, J. F., Recr. Supt.
209b-Gray, J. K., Gen. Supt.

929—Gray, J. L., Gen. Aud.
286c-Gray, J. R., V.-Pres. & Sec.
428—Gray, J. W., Asst. Eng.
439—Gray, J. W., For. Wat. Serv.
291—Gray, L. J., Pres.
628a-Gray, T. A., Aud.
751b-Gray, T. H., Mast. Carp.
539—Gray, W., For. M. W.
930—Grayson, G. C., Rd. For. Eng.
1862—Greame, E. A., 2 V.-Pres.
183—Grear. H. F., Asst. Sec.
699—Greason, J. H., Asst. Eng.
860—Greaves. S. W., Aud.
436—Greeland. J. A., G. F. & P. A., Frt. Clm. Agt. & Supt. Trans. & Traf.
186, 1850e—Green, A. E., For. Paint., Chman.
1850h-Green, A. L., Specl. Rep. Frt. Clm. Div.
697—Green, A. R., Asst. Gen. Car Insp.
600—Green, C., Div. For. Bldgs.
207—Green, C. E., Div. Supt.
137—Green, C. P., Comr. Natural Resources.
123—Green, E. C., Rd. For. Eng.
968—Green, E. H., Pres.
801—Green, E. M., Supvr. B. & B.
58b—Green, F. C., Supvr. Rd.
265, 860, 860a—Green, F. W., V.-Pres.
930a-Green, G. V., Pur. Agt.
847—Green, G. W., Ind. Comr.
180—Green, H. F., R. E. & Tax Agt.
439—Green, H. I., Gen. Solr.
40c-Green, J. A., Sig. Supvr.
608—Green, J. F., Rd. Mast.
1598—Green, J. F., Dist. Supt.
629—Green, Jas. F., Gen. Atty.
395a—Green, J. O., Mech. Eng.
927—Green, L., Asst. to Pres.
693a—Green, L. J., Asst. Gen. Str. Kpr.
298, 619—Green, L. P., Supt. Saf.
628a—Green, M. D., Gen. Atty.
229c—Green, P. C., Ind. Agt.
931—Green, P. L., Rd. Mast.
800—Green, R. E., Asst. Sig. Eng.
705a—Green, R. G., Trk. Supvr.
194—Green, S. L., Clm. Agt.
176—Green, W. M., Rd. For. Eng.
395—Green, Z. A., Div. Eng.
1808—Greene, A. B., Tel. Eng.
67—Greene, A. E., Supt.
469, 470—Greene, C. J., Gen. Aud.
693b—Greene, C. W., Tie Treat. Eng.
42—Greene, E. L., Aud.
387—Greene, F., Pres.
629—Greene, F. D., Bldg. Insp.
209—Greene, F. E., Ch. Pass. Bur.
697—Greene, L. D., Agri. Agt.
516—Greene, R. E., Supt. M. W.
176—Greene, T. H., Div. Eng.
751b-Greene, W. F., Asst. to Eng. M. W.
297—Greene, W. J., M. M.
159—Greeney, T. J., Asst. Trk. Supvr.
297—Greenfield, H., Pur. Agt.
929a-Greenidge, C. A., Ch. Eng.
1001a-Greening, J., Rd. Mast.
1021—Greenland, W. W., Supt.
1818—Greenlaw, A., Comr.

1598—Greenlaw, L. M., Gen. Atty.
322—Greenleaf, A. L., Asst. Gen. Aud.
1815—Greenleaf, J. W., Comr.
236—Greenlees, J. R., Traf. Mgr.
207—Greenough, H. P., Div. Supt
619—Greenseth, A. G., M. M.
990a—Greenway, J. C., V.-Pres. & Gen. Mgr.
930—Greenwell, C. J., Mast. Car Rep.
549—Greenwood, A. L., Sig. Supvr.
886—Greenwood, B. E., Ch. Scale Insp.
705—Greenwood, H. F., Supt. Shops.
354b—Greer, J. W., Aud.
661b—Greeson, M. W., Pres. & Gen. Mgr.
799—Greetham, E. S., Str. Kpr.
48—Gregersen, A., M. M.
1850a—Gregg, E., Chman. Prot. Sect.
816—Gregg, J., Aud.
40—Gregg, T. A., Asst. to V.-Pres.
40c—Gregory, H. K., Asst. G. P. A.
439—Gregory, L. A., Supt. Trans.
904a—Gregory, N., Ch. Carp.
306a—Gregory, T. W., V.-Pres. & Asst. Sec.
54—Gregory, W. N., V.-Pres.
930—Greiler, J., Rd. Mast.
58—Greiner, J. E., Consit. Brdg. Eng.
140a—Greiser, G. H., Car Acct.
234—Grenfell, E. I., Gen. Aud.
886—Grenshaw, G. W., Rd. Mast.
439—Gresham. C., Gen. For.
964, 1034—Gresham, T. D., Gen. Atty.
886—Gresham, W. V., Asst. to V.-Pres.
751b—Gressitt, J. L., Supvr.
6—Grewe, H. F., Supt. M. P.
176—Grey, J. R., Str. Kpr.
291—Gribben, I., Sec. & Asst. Treas.
693b—Gribben, R. P., Asst. Supt. Frt. Trans.
663—Gribble, C. G., Sec. & Treas.
176, 1925a—Grice, E. W., Asst. to Pres., Chman.
58—Grice, L. M., Asst. Aud.
997b—Grice, M., Trk. Supvr.
166—Grier, F. B., Pres. & Gen. Solr.
927—Grier, G. W., Str. Kpr.
275—Grieser, J., Asst. to Supt. Shops.
137b—Grieve J., Supt. Sl., Din., Par. Cars & Ry. Rest.
47—Griffin. A. M., Eng. Bldgs.
97—Griffin. C. J., Asst. B. & B. Supvr.
207—Griffin, D. B., Rd. Mast.
860, 860a—Griffin, E. O., Asst. to Pres.
384—Griffin, E. R., V.-Pres. & Gen. Mgr.
137a—Griffin, F., Supt.
748—Griffin, F., Gen. Supt.
137b—Griffin, F., Rd. Mast. & Car For.
159—Griffin, M., Trk. Supvr.
1828—Griffin, M. N., Clerk.
927a—Griffin, R. A., Trk. Supvr.
958a—Griffin, W. A., Supt.
886—Griffin. W. H., Supvr. Clm. Prev.
204c—Griffin, W. V., V.-Pres., Sec. & Treas.
1893a—Griffing, H. J., 1 V.-Pres.
40c—Griffiths, H. B., Div. Str. Kpr.
773—Griffith, A. C., And. & Treas.
40c—Griffith. A. D., Div. For.
58—Griffith. A. H., Dist. Eng.
600—Griffith, B. W., Gen. Str. Kpr.
628a, 628b—Griffith, C. H., Elec. Eng.
322—Griffith, E. P., Supt. Tel.
1624—Griffith, E. R., Traf. Mgr.
398—Griffith, F. B., Supt.
58—Griffith, F. J., Tax Agt.
176—Griffith, F. M., Supvr. B. & B
786, 1080c—Griffith, F. T., Pres., Chman. of Bd.
275—Griffith, H. E., Div. Supt.
751b—Griffith, J. E., Asst. Supvr. Tel. & Sig.
1849a—Griffith. J. E., Dep. Min. & Ch. Eng.
1076a—Griffith, J. M., Aud.
204b—Griffith, J. S., Asst. Supt. M. P.
472—Griffith, J. W., Rd. Mast.
355a—Griffith, O. C., Pres.
322a—Griffith, S. A., For. Sig. Maint.
1281—Griffith, S. B., Traf. Mgr.
355a—Griffith. T. H., Supt.
757—Griffith, W. G., M. M.
676—Griffiths. B. W., G. F. & P. A.
751a—Griffiths, Jr., D., For. Car Shops.
1020—Griffiths, H. L., G. F. A.
275—Griffitts, W. F., Pass. Traf. Mgr.
234—Grigg, C. A., Asst. G. F. A.
123—Griggs, C. H., Div. Eng.
195a—Griggs, G. L., Div. Supt.
231—Griggs, T. W., Pres.
1013—Grigsby, E. H., Treas.
757—Grigware. J. A., Supt.
786—Grilley, E. W., Aud.
137b—Grills, A., Rd. Mast.
434—Grills, G. R., Gen. For. Car Dept.
16—Grim, J. E., Gen. Car For.
303b—Grim, J. W., M. M.
716—Grime, E. M., Eng. Water Serv.
195b—Grimes, E. E., Live Stock Agt
428—Grimes, L., M. M.
716—Grimm. E. L., Asst. to Gen. Mech. Supt.
980—Grimm. I. M., For. Car Shops.
314—Grimmer, J. Trav. Car Insp.
751—Grimshaw, F. G., Works Mgr
58—Grimsley, G. P., Geol. Eng.
1021—Gründle, W. W., Asst. Div. M. M.
58b—Grinewetsky, O. J., Asst. Str. Kpr.
373a—Gring, C. E., Pur. Agt.
949a—Gring, R. M., Pres., Gen. Mgr. & G. F. & P. A.
949a—Gring, W. D., Supt. M. P.
195b—Grisinger, J. C., Div. Supt.
877—Griswald, R., Eng. Trk.
693b—Griswold, C. J., Gen. For. Car Dept.
207—Griswold, W. W., Sta.
1051—Griswold, W. W., Pur. Agt.
439—Grizzle, S. C., Gen. For. B. & B.
322a—Groat, C. H., For. Sig. Maint.
209, 1850b—Grochau, H. R., Asst. Frt. Clm. Agt., 1 V.-Chman.
1001c—Grodzki, J. F., Gen. Safety Agt.
757—Groening, E. W., Rnd. Hse. For.
757—Groening, W., C. Air Brake Insp. & Inst.
5—Groff, L. C., Supt.
1013—Groff, W. H., Sec.
40—Grogan, J. J., For. Frt. Agt.
58a—Grone, J. R., Gen. For. Loco. Dept.
647—Groom, G. K., Supt.
137e—Groom, G. W., Supt.
137—Groom, L. C., Aud.
771—Grooms, J. C., R. E. & Tax Agt.
47—Groover, R. L., Off. Eng.
549—Grosche, J. J., Asst. to Gen. Mgr.
40c—Grosnell, W. R., Rd. Mast.
1846—Grosscup, M., Chman.
47—Gross, D. W., Asst. to Pres.
41—Gross, E. G., M. M.
93a—Gross, H., Gen. Supt.
123—Gross, J. C., Asst. G. F. A.
344b, 742, 1280—Gross, J. M., Gen. Traf. Mgr.
600—Grosskopf, W. H., Supvr. Sig.
683—Grossner, G. W., Pur. Agt.
629—Groth, L. P., Rd. For. Eng.
198—Groth, W. C., Eng. M. W.
139c—Grout, H. C., Gen. Supt.
137g—Grout, S. G., Car For.
455—Grout, W. W., Asst. Sec. & Asst. Treas.
751b—Grove, C. G., Supvr.
380—Grove, E. A., Rd. Mast.
751c—Grove, F. L., Supt.
808—Grove, W. E., For. Car Shops
362—Grove, W. H., Aud.
157, 1076—Groves, C. F., Sec.
416—Groves, C. W., Pres. & Gen. Mgr.
734—Groves, L. P., Aud. & G. F. A.
693a—Grow, J. T., Dist. M. C. B.
1637a—Grubbs, H., Traf. Mgr.
176—Grubbs, L. C., Supvr. Trk.
774a—Gruber, P., Asst. G. F. & P. A
547a—Gruene, O. T., Car Acct.
207—Gruhlkey, W. H., Rd. Mast.
632—Grumley, W. H., G. F. & P. A., G. F. A.
382—Grummett, A. J., Asst. G. F. A
693b—Grundler, F., Div. Supt.
578—Grundy, C. H., V.-Pres., Supt. & G. F. & P. A.
801—Grut, H. N., V.-Pres. & Treas.
207—Gruver. C. H., Rd. Mast.
931a—Gude, J., Rd. Mast.
195a—Gudgell, I., Mast. Carp
382—Gueffrey, W. L., Loco. For.
176—Guendling, C. R., For. Paint.
204b—Guenther, H. W., Asst. Eng.
1840—Gueringer, L. A., Ch. Eng. R. R. Div.
428—Guernsey, L. C., Asst. Pur. Agt.
1575d—Guerra, L. R., Traf. Mgr.

302—Guess, D. S., Div. Eng.
741, 790—Guess, H. A., Pres.
8—Guest, A. H., Aud.
47—Guest, E. D., Rd. Mast.
516—Gufler, O. B., V.-Pres.
675a—Guggenheim, S. R., Pres.
195b—Gugler, H. C., M. M.
751b—Guignon, W. E., Eng. M. W.
100 1b—Guild, L. V., Pur. Agt.
40a—Guild, W. A., Asst. Div. Supt
100 1c—Guild, W. H., Supt.
1001—Guild, W. H., Asst. to V.-Pres.
369—Guill, B. A., Supvr. B. & B.
705—Guill, H. E., Supvr. B. & B.
877—Guillan, R. T., Aud.
277—Guilott, N. N., Gen. Supt.
847—Guin, K. P., Div. Str. Kpr.
600—Guina, W. E., Sta.
927a—Guinn, T. H., Trk. Supvr.
204b—Guinotte, J., Div. Eng.
394a, 439—Guion, C. H., G. F. A.
97—Gullage, J., Gen. For. Car Shops.
207—Gulley, E. W., Rd. Mast.
685—Gulley, L. R., Gen. Supt.
681a—Gumfory, M. O., M. M.
209—Gunderson, E., Gen. For. B. & B.
137c—Gunderson, H., Rd. Mast.
716—Gunderson, H., Rd. Mast.
55—Gunderson, J., Supt. Trans.
180—Gunderson, L. O., Chem. Eng.
879b—Gunderson, M., M. M.
137—Gunn, D. R., Asst. Sec.
1039a—Gunn, E. B., Supt. Trans.
1057—Gunn, M. S., V.-Pres.
1828—Gunnison, W. T., Chman.
496—Gunter, L. C., Pres.
930—Gunther, M. J., Supt Shops
97—Guppy, B. W., Eng. Struc.
195b—Gurley, F. G., Gen. Dist. Supt
693a—Gurnett, T. H., Supvr. Trk.
1818—Gurney, C. E., Chman
218a—Gurney, J. O., Rd. For. Eng.
176—Gurney, T. H., G. P. A.
195b—Gustafsen, J. M., For. Wat. Ser.
757—Gustafson, A., Div. Rd. Mast.
186—Gustavson, C. B., Gen. For. Car Dept.
274, 799—Gutelius, F. P., V.-Pres.
274—Gutelius, Jr., F. P., Div. Eng.
139—Gutelius, N. E., Asst. Eng. M. W.
346—Gutensohn, E. F., Pur. Agt.
181—Guthridge, E. F., Aud. & Sec.
523—Guthrie, D., Ch. Surg.
137c—Guthrie, E. J., Marine Supt. & Supt.
1067a—Guthrie, I. E., Sec. & Treas.
7, 3—Guthrie, K. R., Treas. & Pur. Agt., Asst. to Pres. & Treas.
137c—Guthrie, L. A., Sig. Supvr.
58a—Guthrie, W. C., Str. Kpr.
139a—Guthrie, W. C., Supt.
207—Gutsch, J. C., Asst. to Frt. Traf. Mgr.
472—Gutteridge, J., For. Car Dept.
1414b—Guy, A. E., Traf. Mgr.
1021—Guy, D. E., Div. Str. Kpr.
930—Guy, F. L., Div. Eng.
40b—Guy H., Sig. Supvr.
693a—Guyer, G. A., Sig. Supvr.
545—Guynes, F. A., Rd. Mast.
751c—Guyton, S. W., Mast. Carp.
670—Guzman, M., Div. Str. Kpr.
58—Gwathmey, W. W., Asst. Eng
1700—Gwynn, L. R., V.-Pres.
137—Gzowski, C. S., Ch. Eng. Cons

H

472—Haag, H. F., Sig. Eng.
927a—Haar, Jr., H. J., Off. Eng.
1001b—Haas, A. T., Rd. Mast.
40b—Haas, J., Rd. Mast.
432—Haase. H., Gen. Atty.
207—Haberlaw. W. E., Rd. Mast.
933a—Habersham, R. P., Res. Eng.
930—Hack, J. J., Tr. Light. Eng.
930—Hack, W. L., Div. Supt.
716—Hackenberg, E. J., Div. Supt.
751a—Hackenberg, J. O., Div. Supt.
202, 600—Hackett, D. J., Supt.
204a—Hackett, J. M., Div. Str. Kpr.
335, 366, 368—Hackett, J. R., Sec., Treas. & Traf. Mgr., V.-Pres. & Traf. Mgr.
696—Hackett, R., West. Frt. Traf. Mgr.
1908—Hackett, R. R., Sec. & Treas.
600, 984—Hackett, W. E., Treas.
1703—Hackler, E. C., Gen. Supt. Plant.
521—Hackman, J. E., Supvr. Tel. & Sig.
629—Hackney, T., Gen. Atty.
137c—Haddick, T., Loco. For.
1800a—Haden, T. L., Ch. Clk. & Pur. Agt.
629—Hadley, E. A., Ch. Eng.
751b—Hadley, L. E., For. Car Repr.
318—Hadly, R. J., Aud.
982a—Haehnlen, W. L., V.-Pres.
469—Haff, D. J., Gen. Coun.
257—Hafner, W. F., Aud.
875—Hagaman, A. D., Asst. G. F. & P. A.
275—Hagan, P. E., Str. Kpr.
305—Hagans, J. T., Gen. Supt.
195b—Hagberg, R. A., Rd. Mast.
660—Hageman, M. L., Treas.
727b—Hagemeyer, B., Sec.
650, 727b—Hagemeyer, H., Traf. Mgr., V.-Pres. & Traf. Mgr.
1832—Hagen, C. A., Asst. Sec.
186—Hagen, J. P., Eng. Hse. For.
619—Hagen, O., Rd. Mast.
204—Hagensick, A. C., Asst. Sec.
751a—Hager, C. S., Supvr.
808—Hagerman, O. H., Mgr., Marine Dept.
195, 737h—Haggander, G. A., Brdg. Eng.
627c—Haggard, H., Rd. Mast.
986—Haggart, D. C., Aud.
696—Haggerty, C. A., Trk. Supvr
58a—Haggerty, J. F., Gen. For. Loco. Dept.
137b—Haggerty, M., Rd. Mast.
696—Haggerty, W. H., Trk. Supvr.
1069—Haggett, F. B., Treas.
451—Haggin, L. T., Pres.
488a—Hagler, W. W., Str. Kpr.
382—Hagman, R. J., Asst. Gen. Solr.
767—Hagood, W. M., V.-Pres.
304—Hahn, C. C., Aud.
195—Hahn, G. E., Supt. Safety.
697—Hahn, H. H., Supvr.
277a—Hahn, J. H., Asst. Sec.
1054—Hahn, V. I., Supt.
382—Hahn, W. B., Car. For.
1023—Haid, E. A., Comm. Coun.
294—Haig, C. S., Asst. G. F. & P. A.
137d—Haight, J. C., Supt.
628a—Haile, C., V.-Pres.
1412a, 1558b—Hailey, J. J., Traf. Mgr.
198—Hain, G. W., M. M.
751c—Haines, A. C., Supvr.
195a—Haines, F. E., Div. Supt.
523—Haines, J. N., Supt. Trans.
342—Haines, L. C., V.-Pres. & Treas.
751c—Haines, W. H., Supvr.
322—Haines, W. S., Supt. Reclm. Serv.
629—Hair, D. S., Asst. Eng.
886—Hair, R. L., Rd. Mast.
860—Hair, W. H., Rd. For. Eng.
58a—Haislip, L. E., Asst. Div. Eng.
382—Haisman, F. W., Car For.
521—Haldeman, C., For. Paint.
808—Haldeman, D. S., Asst. Div. Supt.
171—Halder, A. H., Aud.
847—Hale, H. W., Asst. Supt.
549—Hale, L. B., Asst. Sig. Supvr.
9—Hale, R. H., Supt. M. P. & E.
505—Hale, S. K., Mgr.
967—Hale, T. R., Rd. Mast.
439—Hale, W. F., Rd. Mast.
931a—Hale, W. R., Supvr. B. & B.
960a—Hale, Jr., W. T., Sec.
695a, 695b—Hales, F. S., Eng. Trk.
583—Haley, A. G., Supt.
47—Haley, B. E., Gen. Rd. Mast.
47—Haley, E. J., Rd. Mast.
1001d—Haley, G. M., Supvr. B. & B.
629—Haley, J. J., Sig. Supvr.
382—Haley, J. U., Aud.
382—Haley, M., Dist. Rd. Mast.
629—Haley, W. H., Asst. Supt. Trans.
139f—Halkett, A., Supt.
1498a, 1499—Hall, A. M., Traf. Mgr.
395—Hall, A. P., Div. Supt.
751—Hall, C. B., Gen. Str. Kpr.
268—Hall, C. E., Sec., Treas. & Gen. Mgr.
1661—Hall, C. O., Traf. Mgr.
751b—Hall, C. W., For. Loco. Repr.
886—Hall, E. D., Div. Eng.
186—Hall, E. B., Supt. M. P. & M.
176—Hall, E. R., Rd. For. Elec.
666, 737h—Hall, F., V.-Pres., Gen. Coun., Asst. Gen. Coun.
1461a—Hall, F. C., Traf. Mgr.
97—Hall, F. D., Elec. Eng.
115—Hall, F. E., Sec. & Treas.
58b—Hall, F. L., Supt. Shops.
468c—Hall, G., City Supt.
139, 289, 798—Hall, G., V.-Pres., Pres.
139—Hall, G. E., Asst. Gen. Str. Kpr.
1021—Hall, H., Gen. Atty.
1800a—Hall, H. C., Comr.
469, 470—Hall, H. F., Chman. of Bd
59—Hall, H. H., Asst. Sec. & Asst. Treas.

40—Hall, H. L., Asst. Mgr. Exp. & Mail.
137b-Hall, J., Loco. For.
930—Hall, J., Mast. Car Repr.
549—Hall, J. D., Supvr.
704—Hall, J. K., Supvr. Sig.
85—Hall, J. L., Gen.
320—Hall, J. L., Treas. & Aud.
693—Hall, J. S., Ch. Asst. G. F. A.
697a-Hall, L. W., V.-Pres.
472—Hall, M. A., Supt. Machy.
835a-Hall, N. I., Sec.
927a-Hall, N. L., Rd. Mast.
903—Hall, R., Supt.
139—Hall, R. E., Div. Str. Kpr.
847—Hall, T., Div. Rd. Mast.
14—Hall, T. A., Rd. Mast.
97—Hall, T. K., Asst. Trk. Supvr.
1001—Hall, U. K., Gen. Supvr. Strs.
1890—Hall, W., Sec. & Treas.
279—Hall, W. B., Pur. Agt.
139b-Hall, W. B., Rd. Mast.
137b-Hall, W. D., Supt. Power Plt. & Elec. Equip.
847—Hall, W. G., Asst. M. M.
598a, 628b-Hall, W. H., Gen. Supt. Tel.
159—Hall, W. H., Ch. Car. Insp.
293—Hall, W. O., Sec.
1702—Hall, W. S., Supt.
139c-Hall, W. S., Supt.
549—Hall, W. T., Supvr.
388—Halladay, F. S., Ch. Eng.
930—Hallawell, R. E., Dist. Supvr. Trans.
186, 209—Hallberg, O. E., Supt. Car Serv.
137b-Halle, F. X., B. & B. Mast.
693b-Halleen, C. A., Div. Gen. For. Car Dept.
274—Hallenbeck, C. S., Ch. Tar. Bu
69—Hallett, W. K., Gen. Mgr.
1703—Hallett, W. S., Supt. Supplies.
804a-Halley, A. S., Treas.
661b-Halley, H. P., Aud.
382—Halliday, A. J., M. M.
696—Halliday, J. O., Mgr. Trans.
24a-Halliday, W. W., Ch. Eng.
198—Halling, O., Trk. Supvr.
137a-Hallisey, J. T., Supt.
628b-Hallman, A., Rd. For. Eng.
628b-Hallman, G., Rd. For. Eng.
930—Hallmark, H. C., G. F. A.
137g-Hallock, H., Eng. Hse. For.
186—Hallock, K., Supvr. B. & B.
127—Halloran, P. M., Aud., Sec. & Treas.
1091—Halloway, H. G., Asst. Eng.
629—Halsted, R. H., Div. Eng.
751c-Hallstein, W. P., Supvr. Tel. & Sig.
36a-Halmhuber, G., V.-Pres.
629—Halpin, V. C., Div. Eng.
994—Halpin, W. D., Asst. Sec. & Asst. Treas.
186—Halsey, W. H., Div. M. M.
966—Halstead, S. R., Pur. Agt.
1001d-Halsted, A. S., Gen. Solr.
757—Halsted, H. O., Supt. C. S.
627c-Halter, J. E., Asst. Supt.
186—Halverson, H. A., Rd. Mast.
619—Halvorson, H., Asst. Supt. Car Dept.
549—Haly, J. C., Arch.
728—Hamar, E. A., V.-Pres.
888—Hamblen, F. G., V.-Pres., Sec. & Gen. Mgr.
207—Hambleton, A., M. M.
139d-Hambley, T., M. M.
903—Hamblin, C. N., Treas., Aud. & Gen. Mgr.
979b-Hamblin, R. N., Supt.
298—Hambly, R. O., G. F. A.
1351—Hamel, W. A., Traf. Mgr.
693a-Hamer, J., Supvr. B. & B.
619—Hamerski, L. D., Asst. Div. Eng.
85—Hamill, J. L., Gen. Coun.
1032—Hamill, J. L., Pur. Agt.
1011—Hamill, J. S., Gen. Mgr.
159—Hamilton, A., Frt. Traf. Mgr.
628b-Hamilton, A. L., Rd. Mast.
549, 666—Hamilton, A. T., Asst. Supt. Term.
140a-Hamilton, C. C., M. M.
751c-Hamilton, C. L., Asst. Supt.
958a-Hamilton, D., Aud.
1051—Hamilton, E. A., Elec. Eng.
179a-Hamilton, E. E., V.-Pres.
596a-Hamilton, F. D., Supt.
739c, 847—Hamilton, F. H., Asst. Sec. & Asst. Treas., V.-Pres., Sec. & Treas.
195b-Hamilton, G. F., Dist. Eng.
629—Hamilton, G. H., G. F. A.
1001a-Hamilton, G. W., Asst. G. F. A
593—Hamilton, H. C., Asst. to Traf. Mgr.
389—Hamilton, H. F., Asst. to Ch. Eng.
692x-Hamilton, H. L., Asst. Eng. Tests.
40a-Hamilton, J. B., Rd. For. Eng.
1076b-Hamilton, J. E., V.-Pres.
472, 962—Hamilton, J. O., Asst. G. F. A., G. F. A.
619—Hamilton, J. R., Div. Eng.
699—Hamilton, J. T., M. M.
693—Hamilton, O. B., Chief Fuel Insp.
929—Hamilton, P., Asst. Ch. Eng.
97—Hamilton, R. Q., Asst. Eng.
695—Hamilton, S., Aud.
751c-Hamilton, T., Div. Supt.
751c-Hamilton, T. B., V.-Pres. & Gen. Mgr.
209b-Hamilton, T. G., Asst. Gen. Mgr.
204b-Hamilton, T. J., Asst. Div.
137b-Hamilton, W., Loco. For.
605—Hamilton, W. C., Sec.
349—Hamilton, W. O., Sec. & Treas
483—Hamilton, W. S., Sec. & Treas
693a-Hamler, W. A., Div. Supt.
1001c-Hamlin, B. F., Rd. Mast.
607—Hamlin, C. C., V.-Pres. & Gen. Coun.
1039—Hamlin, K. E., Frt. Clm. Agt.
808—Hamm, C. A., Asst. Rd. For. Eng.
847—Hamm, C. A., Sig. Supvr.
195a-Hamm, H. W., Div. Supt.
207—Hamm, J. A., Mast. Carp.
637e-Hamm, W. C., Mech. Eng.
58a-Hamme, R. L., Ind. Agt.
539—Hamman, K. M., Trk. Supvr.
523—Hammann, F. E., Mgr. Mail Traf. & Gen. Bag. Agt.
1700—Hammell, A. L., Supt. Trans. & Traf.
629—Hammer, E., Supvr. Water Serv.
411—Hammer, E. J., Sec., Treas. & Gen. Mgr.
1021, 1857a—Hammer, F. D., Asst. G. P. A., Pres.
629—Hammer, M. W., Str. Kpr.
1598—Hammer, S. B., Sta.
160—Hammer, V. T., V.-Pres.
563—Hammett, P. M., S. M. P.
207—Hammill, F. H., Exec. V.-Pres.
96—Hammill, J. B., Supt.
123—Hammond, E. W., Eng. M. W
778—Hammond, F. S., Pur. Agt. & Gen. Str. Kpr.
930—Hammond, G., Asst. M. M.
619—Hammond, G. H., For. Paint.
62, 218a-Hammond, J. H., Chman. of Exec. Comm.
1001d-Hammond, L. I., Jr., Div. Eng.
1927—Hammond, R., 4 V.-Pres.
523—Hammond, R. E., Asst. Rd. For. Eng.
716—Hammond, R. E., Rd. For. of Eng.
97—Hammond, R. J., Asst. to V.-Pres. & Gen. Mgr.
549—Hammond, T., Supvr.
1811—Hammond, W. M., Ch. Acct.
549—Hamn, W. J., Supvr. B. & B.
979b-Hamprecht, E., G. F. A.
930—Hampton, H. A., Div. Eng.
847—Hampton, P. V., Div. Str. Kpr
58a-Hampton, W. E., Ind. Agt.
886—Hamrick, J. C., Mast. Carp.
173, 792—Hamstrom, E., Asst. Treas. & Aud.
751—Hance, F., Asst. Mgr. Mail Traf.
619—Hancock, A. E., Asst. Compt.
930—Hancock, A. J., Asst. to Gen. Mgr.
1699—Hancock, F. B., Traf. Mgr.
882a-Hancock, G. H., Pres.
705—Hancock, H. P., Supt. Const.
176—Hancock, J. A., Asst. Treas.
92a-Hancock, J. R., Treas.
860a-Hancock, R. C., Frt. Clm. Agt
751a-Hancock, W. L., For. Boiler Shops.
545—Hancock, W. L., Car Acct.
72, 392—Hancock, W. T., V.-Pres. & Traf. Mgr.
472—Hand, G. C., V.-Pres., & Sec.
696—Hand, G. F., Gen. Asst. Eng.
523—Hand, G. T., Ch. Eng.
195a-Hand, G. W., Mast. Carp.
186, 209—Hand, G. W., Asst. to Pres., Valua. Eng.
1936—Hand, G. W., Treas.
692x-Hand, P. P., Pub. Mgr.
74—Hand, W., Aud.
757—Handford, J., Shop Supt.
212a-Handley, D. L., Supt.
549—Handley, J. A., Supvr.
1858c-Handlon, J. H., Pres.
126—Handte, P., Sec. & Treas.
864—Handy, E. R., Gen. Supt.
1821—Handy, S. T., Chman.
616—Hanegan, G. W., Gen. Str. Kpr.

629—Haner, E. A., Asst. Eng.
1020c—Hanes, E. D., Supt. Coal Term.
835—Haney, A. H., Aud.
207—Haney, F. E., Sig. Supvr.
139—Haney, F. R., Clm. Adjuster
1074a—Haney, L., Supt. Trans.
697—Hanfield, B. F., Supt. Float. Equip.
1800b—Hanger, G. W. W., V.-Chmn.
628a, 628b—Hanger, K. H., Eng. M. W.
933—Hanifen, J. E., Supt.
410—Hankerson, G. A., Gen. Mgr.
751b—Hankins, F. W., Gen. Supt. M. P.
257—Hanley, E. C., Treas.
432—Hanley, H. L., V.-Pres.
137e—Hanley, J. W., G. F. & P. A.
860, 860a—Hanley, W. S., Ch. Eng.
886—Hanlin, J. J., M. M.
584—Hanlon, F., J. Sec. & Gen. Mgr.
751b—Hanly, W. T., Div. Eng.
520—Hann, A., Rd. For. Eng.
58a—Hanna, B. F., Supvr. Rd.
58a—Hanna, C. E., Supvr. Rd.
693a—Hanna, D. T., Div. Supt.
628b—Hanna, E. E., Supt.
1833—Hanna, E. H., Statistician.
629—Hanna, E. R., Div. M. M.
40c—Hanna, F. L., Asst. G. F. A.
516—Hanna, G. W., Treas.
1671a—Hanna, H. D., Traf. Mgr.
751b—Hanna, J. H., Rd. For. Eng.
473—Hanna, J. V., Ch. Eng.
847—Hanna, R., Rd. For. Equip.
632—Hanna, V. C., Trk. Supvr.
186—Hannafan, M. T., Gen. For. Car Dept.
716—Hannaford, J. M., V.-Chman.
159—Hannaford, L. M., Asst. R. E. & Tax Agt.
382—Hannah, A. T., Loco. For.
1839—Hannah, H. H., Chman.
738, 876—Hannam, W. H., Sec., Pres.
201, 205a, 434—Hannauer, G., V.-Pres.
1923a—Hanneagan, J. E., Chman.
40a—Hanneman, E. C., Gen. For.
382—Hanneman, F. C., Div. Rd. Mast.
927b—Hannigan, K. B., Asst. Frt. Traf. Mgr.
137c—Hannington, R. W., Asst. Reg. Coun.
751c—Hannon, J. J., Gen. For. Car Rep.
204a—Hannon, M. P., Div. M. M.
314—Hannon, T., Rd. For. Eng.
134—Hanrahan, R. E., Mgr.
737e—Hanrahan, T. J., M. M.
1078a—Hanscom, G. L., Asst. Supt.
159, 808—Hansel, C., Consit. Eng., Chman. Valua. Com. & Valua. Eng.
47—Hansell, T. W., Supt. Term.
58a—Hansen, A., Asst. Eng. M. W. & Struct.
243—Hansen, F. A., Supt.
871—Hansen, F. E., Clm. Agt.
382—Hansen, F. H., Div. Rd. Mast.
716—Hansen, H., Asst. Pur. Agt.
1001a—Hansen, H. A., Supt. Din. Cars & Hotel Dept.
204a—Hansen, H. J., Asst. Eng.
1001a—Hansen, J. J., Div. Str. Kpr.
204a—Hansen, L., Rd. Mast.
249—Hansen, R., Aud. & Supt.
204a—Hansen, V., Ch. Carp.
886—Hansler, A., Asst. Str. Kpr.
716—Hanson, A., Supvr. B. & B.
726—Hanson, C., Live Stock Agt.
1020c—Hanson, C. A., Rd. Mast.
395—Hanson, E., Sig. Eng.
927—Hanson, E. E., Asst. Fur. Agt.
1001—Hanson, E. J., Gen. Agt. Refrig. Serv.
693b—Hanson, F. H., Div. Gen. For. Car Dept.
133—Hanson, F. L., Supt.
716—Hanson, H., Rd. Mast.
1838—Hanson, H. A., Stat.
40d—Hanson, H. H., Sec.
186—Hanson, H. W., Dist. M. C. B
382—Hanson, J., Dist. Rd. Mast.
229—Hanson, J. A., Supvr. B. & B.
40a—Hanson, K., Sig. Supvr.
137b—Hanson, L. J., Supvr. Sig.
1550—Hanson, P. M., Gen. Traf. Mgr.
751a—Hanson, R. F., Supvr.
716—Hanson, T. C., Supvr. Sig.
382—Hans, C., Div. Rd. Mast.
176, 413—Hanshan, W. J., Pres.
860a—Haralson, E. F., Rd. For. Eng
724—Harbaugh, R. L., Asst. Sec.
575a—Harbordt, G. H., Gen. Mgr.
751—Harbry, J. L., Div. Str. Kpr.
432—Hardaway, J. B., Frt. Clm. Agt.
628a, 628b—Hardeman, L. E., Gen. Insp.
157—Harden, M. F., Aud.
613—Hardenbergh, H., V.-Pres.
324—Harder, G. N., Gen. Mgr.
471—Harder, J. A., Treas.
637—Hardesty, C. H., Loc. Mgr.
1800a—Hardie, W. V., Dir. Traf.
302, 769—Hardin, E. B., Aud.
692x—Hardin, F. H., Asst. to Pres.
1850b—Hardin, F. M., Mgr. Dept. Demur.
428—Hardin, H., Asst. G. F. A.
964—Hardin, J. B., Asst. M. M.
7a—Hardin, J. F., Asst. G. F. A.
186—Hardin, L. A., Div. M. M.
927a—Hardin, R. E., Tr. Supvr.
137g—Harding, C., Supvr. B. & B.
930—Harding, C. R., Eng. Standards.
716—Harding, C. W., Asst. Supt. Tel.
428—Harding, E. N., Gen. Car Insp.
1832—Harding, F., Comr.
1060c—Harding, G. A., V.-Pres.
58b—Harding, H., Sig. Supvr.
706—Harding, H. E., Asst. Sec.
629—Harding, W. J., Rd. Mast.
669—Hardtner, C. T., Sec.-Treas.
669—Hardtner, E. J., V.-Pres.
669—Hardtner, H. E., Pres. & G. M.
669—Hardtner, Q. T., Sec., Treas. & G. F. A.
139e—Hardy, B., Rd. Mast.
437c—Hardy, G. F., Asst. G. F. & P. A
927b—Hardy, J. E., Rd. For. Eng.
1040—Hardy, J. W., Rd. For. Eng.
1820—Hardy, L. F., Comr.
987—Hardy, S. R., Aud., Traf. Mgr. & Asst. Sec.-Treas.
726b—Hardy, W., Ch. Surg.
159—Hardy, W. E., Gen. For.
444, 808—Hare, J. V., Sec.
716—Hare, M. L., Rd. Mast.
47—Hare, R. B., Dist. Supt.
771—Harger, M. L., Gen. For. Car Dept.
948—Hargis, M. T., Aud.
757—Hargis, W. J., Supt. Frt. Clms. & Police.
47—Hargrett, A. M., Rd. Mast.
536—Hargrett, W. T., Pres. & Gen. Mgr.
470—Hargrove, W. H., G. F. & P. A.
539—Haring, R., Trk. Supvr.
705—Hark, O. F., M. M.
200—Harkins, P. J., Sec. & Asst. Treas.
860—Harkness, J. C., Tie & Timber Agt.
428—Harkness, L. A. Gen. Aud.
1830a—Harkness, L. T., Trans. Com.
977—Harkness, W. H., V.-Pres.
751b—Harkness, W. S., For. Car Rep.
58a—Harlan, G. S., G. F. A.
549—Harlan, J. A., Supvr.
204b—Harlbut, C. G., Asst. Frt. Clm. Agt.
298, 619—Harley, W. R., Sec.
1001c—Harlow, A., Rd. Mast.
322c—Harlow, A. W., Mast. Carp.
322—Harlow, H. T., Gen. West. Pass. Agt.
137c—Harlow, R. A., Rd. Mast.
654—Harman, E., Treas.
361, 1857, 1913—Harman, E. H., Asst. to Gen. Mgr., V.-Pres., Pres.
82—Harman, H. H., Eng. Brdgs. & Bldgs.
930—Harman, W. C., Supvr. B. & B.
322c—Harmison, W. E., M. M.
40c—Harmon, B. F., Asst. Supt. Shops.
440—Harmon, J., Mgr. Safety.
1901—Harmon, R. G., Treas.
751a—Harmstead, J. L., Supvr. Tel. & Sig.
969—Harn, A. F., Aud.
160—Harn, S., M. M.
1413—Harner, C. V., Traf. Mgr.
136—Harner, H. D., Aud. & Traf. Mgr.
275—Harney, T., Rd. Mast.
432—Harnish, C. F., Rd. Mast.
40b—Harnit, J. F., Gen. Tr. Insp.
229—Harper, C. A., Gen. Boiler Insp.
1802—Harper, E., Chman.
1819—Harper, F., Exec. Sec.
181—Harper, F. A., Treas.
847—Harper, F. C., Sig. Supvr.
128—Harper, H. F., Pres.
58a—Harper, H. H., Asst. Rd. For. Eng.
521—Harper, H. L., Asst. M. M.
58b—Harper, I. L., Gen. For. Loco. Dept.
1819—Harper, J. F., Com.

428—Harper, J. M., Rd. Mast.
809—Harper, S. M., Aud.
139b—Harper, W. B., Div. Eng.
47—Harper, W. J., Asst. Str. Kpr.
306b-Harper. W. J., M. M.
58b-Hart, H. S., Asst. Gen. Solr.
1071—Harra, E., M. M.
428—Harrell, J. D., Trav. Eng.
536—Harrell, J. F., Gen. Coun.
787—Harrigan, F. D., Div. Rd. Mast.
417—Harriman, H. I., Pres.
97—Harriman, W. C., Mgr. Milk, Mail & Exp. Bureau.
428—Harrington, C. J., Rd Mast.
1577b—Harrington, E. E., Traf. Mgr.
1020c—Harrington, F. F., Eng. Struct
428—Harrington, J. L., Trav. Eng.
860—Harrington, R. P., Asst. G. F. A.
860—Harrington, W. E., Aud.
933a-Harris, A., Supt. Din. Cars.
696—Harris, A. A., Mech. Supt.
428—Harris, A. B. B., Locating Eng
204a—Harris, A. C., Div. Str. Kpr.
1076a—Harris, A. D., Pur. Agt.
229, 600, 692x, 771—Harris, A. H., V.-Pres., V.-Pres. & Comm. Fin. Comm.
204b—Harris, A. R., For. Paint.
619—Harris, A. S., Div. Supt. Tel.
927a—Harris, C. B., Asst. Supvr. B. & B.
705—Harris, C. E., Aud.
705—Harris, C. G., Supvr. Sig.
396a—Harris, C. M., V.-Pres.
705—Harris, C. W. B., Supt. Timber Preserv. Plant.
930—Harris, D. C., Rd. Mast.
874—Harris, D. C., Treas.
129—Harris, E. M., Traf. Mgr.
886—Harris, F. H., Car Acct.
344—Harris, G. A., Treas. & Aud.
927b—Harris, G. A., Gen. For. Car Rep.
488a—Harris, G. H., Gen. Mgr.
600—Harris, G. H., Asst. Ch. Eng.
40—Harris, G. W., Asst. Ch. Eng.
394a—Harris, G. W., Rd. Mast.
507—Harris, H. R., V.-Pres. & Gen. Mgr.
886—Harris, H. Y., M. M.
176—Harris, J. B., Div. Supt.
931, 931a-Harris. J. C., Gen. Rd. For. M. P. & E.
987—Harris, Jr., J. D., Asst. Sec., Treas., Aud. & G. F. A.
751a—Harris, J. H., Eng. M. W.
180—Harris, J. L., Mgr. Perish. Traf.
101—Harris, J. M., Gen. Atty.
229a—Harris, J. P., V.-Pres.
431—Harris, M. B., Supt. C. S.
705—Harris, M. L., Supvr. Sig.
563—Harris, M. L., G. P. A.
472, 962—Harris, P. H., Asst. Eng.
751a—Harris, R. B., Supvr.
751—Harris, R. C., Asst. to Strs. Mgr.
886—Harris, R. C , Rnd. Hse. For
139g—Harris, R. C., Div. Eng.
886—Harris, R. H., Rd. For. Eng.
137c—Harris, R. K., Trk. Supvr.
40a, 40b—Harris, R. L., Aud.
229—Harris, R. R., Supt. Frt. Trans
815—Harris, S., Str. Kpr.
137c-Harris, T., B. & B. Mast.
139e-Harris, W. B., Trans. Asst.
632—Harris, W. B., Rd. Mast.
176—Harris. W. B., Str. Kpr.
58b-Harris. W. F., M. P. Insp.
1891—Harris, W. H., Treas.
912—Harris, W. J., Pur. Agt.
195a-Harris, W. J., Div. Eng. M. W.
628b-Harrisen, B., Rd. Mast.
905—Harrison, A. W., Eng. M. W.
40—Harrison, E. A., Arch.
92, 143, 267, 408, 632, 927, 1850—Harrison, Fairfax, Pres., Dir.
157—Harrison, F. R., Asst. Supvr. Trk.
139c-Harrison, H., B. & B. Mast.
382—Harrison, J. H., Gen. Car For.
269—Harrison, J. P. Aud. & Asst. Treas.
941—Harrison, L., Sec.
751c-Harrison, M. J. J., Gen. Scale Insp.
989a-Harrison, M. L., V.-Pres.
1894—Harrison, M. W., Pres.
406—Harrison, P. P., Supt.
574—Harrison, R. C., Pur. Agt.
137d-Harrison, R. L., Eng.
40a-Harrison, W. R., Div. M. M.
137—Harrison, W. S., Gen. Aud.
1021—Harry, J. H., Rd. For. Eng.
229, 600, 692x—Harry, R. N., Asst. Gen. Treas.
58a-Harsh. H. H., Div. Eng.
139e-Harshaw, A. C., Supt.
676a-Harshaw, V. A., Mgr.
204a-Harstad. O. N., Gen. Mgr.
139f-Hart, A., Rd. Mast.
696—Hart, B. C., Div. Str. Kpr.
40a, 40b—Hart, C. D., Asst. Gen. Clm. Agt.
58b-Hart, Jr., E., Asst. Frt. Traf. Mgr.
186—Hart, E. R., Gen. Atty.
195a-Hart. F. A., Asst. G. F. A.
739a-Hart, F. B., Rd. Mast.
930—Hart, G. B., Asst. to Gen. Supt. M. P.
1021, 1853—Hart. G. M., Supt. Din. Cars, Pres.
123—Hart, H. E., Car Acct.
62—Hart, H. J., Gen. Coun.
455—Hart, J., For. Mch. Shop.
1800b-Hart. M. W., Ch. Stat.
204b-Hart, R. H., Sig. Supvr.
629—Hart. R. P., Asst. Brdg. Eng
847—Hart, R. V., Gen. Acct.
751a-Hart, S. A., Supvr.
751a-Hart, S. K., Rd. For. Eng.
58—Hart, W. C., Asst. Eng.
204a-Hart, W. H., Trav. Eng.
800—Hart, W. S., Treas.
1858b-Harte, C. R., Pres.
523—Hartenstein, F., Asst. to Gen. Mgr.
1021—Harter, A. L., Supvr.
629—Harter, C., Ch. Mech. Eng.
266—Harter, E. M., Mng. Recr.
927b, 1876—Harter, J. L., Gen. For. Car Rep., V.-Pres.
96—Hartford, E. G., Off. Eng.
693—Hartigan, C., Asst. G. P. A.
1020c—Hartigan, Jr., M. A., Gen. Clm. Agt.
961—Hartlig, O. F., Asst. Ch. Eng.
58b-Hartle, D., Rd. For. Eng.
137a-Hartlen, C. F., Car For.
40a-Hartley, J., Mast. Paint.
716—Hartley, J., Supvr. B. & B.
751b-Hartley, J. G., Div. Eng.
182—Hartley, L. C., Ch. Eng.
58—Hartley, L. S., Agri. Agt.
1598—Hartley, W. A., Dist. Supt.
40b-Hartley. W. D., Div. M. M.
40a-Hartman, A. J. G., Div. M. M.
933—Hartman, F., Rd. Mast.
695b-Hartman, J. J., For. Paint.
931a-Hartman, J. W., Trav. Eng.
198—Hartman, P., Car For.
1021—Hartman, P. D., Supvr.
207—Hartman, W. J., Air Brk Instructor.
600—Hartman, W. L., Ch. Surg.
751b-Hartman, W. N., Supvr. Tel. & Sig.
40b-Hartman. W. P., Gen. For.
839—Hartmann, H. M., V.-Pres., Treas. & Gen. Mgr.
244—Hartmann, W. F., Treas.
771—Hartnett, C. J., Supvr.
275—Hartnett, T., Rd. For. Eng.
186—Hartnett, W., Gen. For. Car Dept.
696—Hartshorn, C. L., Asst. to Mech. Eng.
137b-Hartshorn. F. E., Asst. Supt.
927—Hartshorn, G. E., Asst. Eng.
207—Hartvig, C. E., Asst. Sig. Eng
572, 607—Hartwell, E. S., Aud., Sec. & Aud.
186—Hartwell, J. R. Supvr. B. & B
1575b—Hartwig, W. F., Traf. Mgr.
930—Harty, E., Asst. Gen. Str. Kpr.
40a-Hartzell, F. D., Asst. Sig. Supvr.
58—Hartzell, H. O., Exec. Asst. to V.-Pres.
472—Hartzell, I. L., Asst. Eng.
1039—Hartzell, J. L., Div. Str. Kpr.
58a-Hartzell, J. W., For. Frt. Agt.
207—Hartzler, F. E., Div. Str. Kpr.
1694c-Harutun, J. J., Traf. Mgr.
58a-Harveson, C. B., Div. Eng.
628a-Harvey, A., Dist. Eng.
695a, 695b—Harvey, A. C., Ch. Eng
471a-Harvey, A. E., Supt. Ways & Struct.
137a-Harvey, A. M., Sig. Supvr.
40—Harvey, F., Mgr. Din. Cars.
774a-Harvey, F. H., Sec. & Gen. Aud.
96—Harvey, G. W., Asst. Eng.
521—Harvey, H., Gen. For. Shops.
696—Harvey, H. J., Asst. Eng.
195—Harvey, H. H., Gen. Car For.
186—Harvey, H. L., Asst. Supt. M. P. & M.
847—Harvey, J. L., M. M.
1057a-Harvey, R. O., Treas.
198—Harvey, W. C., Valua. Eng
54—Harville, R. T., Pres.
229—Harward, P. J. Gen. For.
176—Harwood, C. B., For. Paint.
229, 600, 692x, 771—Harwood, G. A., V.-Pres.

958a—Harwood, W., For. Paint.
195—Hasbrook, E.F., Asst. Pur Agt
693b—Hasenpflug, J. L., Str. Kpr.
137b—Haskins, B. C., Rd. Mast.
696—Haskins, D. C., Fuel Supvr.
279—Haskins, E. G., M. M.
693b—Haskins, E. J., Mast. Blk-smith.
1065b—Haslam, F., Ch. Eng.
382—Haslet, J. B., Loco. For.
886—Haslett, G. A., Gen. Rd. For. Eng.
696—Hass, H. P., Asst. to Mech. Mgr.
693a—Hassel, L. H., Asst. Sig. Supvr.
696—Hassett, J. C., Mech. Eng.
693a—Hassett, M. W., Gen. M. M.
288b—Hassler, A., M. M.
751a—Hassler, H. G., For. Car Shops.
980—Hassman, W., For. Loco. Rep
314—Hastert, J., Gen. For.
815—Hastings, E. M., Ch. Eng.
40c—Hastings, P. P., G. F. A.
1904—Hastings, S. M., V.-Pres.
1001a—Hasty, V. R., Elec. Eng.
428—Hatch, F. E., Term. Supt.
40a—Hatch, H. A., Div. Eng.
373a—Hatch, P. L., Gen. Mgr.
139—Hatch, W. J., Gen. Air Brk. Insp.
886—Hatcher, H. L., Mast. Carp.
725b—Hatcher, O., Car Acct.
137c—Hately, W., Asst. G. F. A.
366, 368—Hatfield, J. F., Supt., Supt. & Rd. Mast.
696—Hatfield, L., Gen. So. Frt. Agt
860a—Hatfield, R.C., Asst. G.F.A.
176—Hathaway, H. P., Asst. G. F. A.
137—Hathaway, R. H., Supt. News Dept.
58b—Hathaway, W. H., Asst. Str. Kpr.
229c—Hattan, W. C., Ch. Eng.
365—Hatten, E. K., Asst. Eng.
428—Hattendorf, J., G. F. A.
207—Hattery, C., Asst. Sig. Supvr
139—Hatton, A., Gen. Supt. Trans.
751a—Hatton, E. M., Supvr. Tel. & Sig.
668—Hanberg, J. H., Treas.
693, 693c—Haubold, E. F., Aud.
137—Hauch, H. R., Supt.
1056—Hauck, F., Sec. & Treas.
1056—Hauck, G. F. M., Pres.
96—Haug, A., Aud.
1001—Haugh, J. L., Asst. to Pres.
927—Haun, I. W., Ch. Clm. Agt.
699b, 700—Haun, W. A., Pur. Agt.
751a—Haupt, H. H., M. M.
1599—Hauseman, H., Traf. Mgr.
629—Hausgen, W., Supvr. B. & B.
751a—Hausman, H. C., For. Mach. Shops.
217—Havemann, R.E., G.F. & P.A
47—Haven, D. C., Valua. Atty.
218a—Havens, H. R., Insp. Trans.
218a—Havens, P. M., Asst. G.F.A.
629—Havers, R. J., Rd. For. Eng.
751a—Haverstick, P. W., Supvr.
9—Haverstock, A. D., Ch. Surg.
204a—Haymeyer, R. F., Div. Str. Kpr.
195b—Hawe, W., Rd. Mast.
207—Hawk, A. T., Eng. Bldgs.
147—Hawk, E. B., G. F. A.
808—Hawk, E. T., Gen. For.
1695—Hawk, R. R., Gen. Mgr.
131b—Hawkes, N. W., New Eng. Traf. Mgr.
298—Hawkin, F., Gen. For. B. & B.
195a—Hawking, J., Gen. For.
139e—Hawkins, A. F., Supt. Term.
600—Hawkins, C., Rd. Mast.
959—Hawkins, C. L., M. M.
629—Hawkins, E. F., Div. Eng.
180—Hawkins, F. D., For. Loco. Rep.
342—Hawkins, H. E. C., G. F. A.
137b—Hawkins, J., M. M.
798—Hawkins, J. T., Frt. Clm. Agt.
705a—Hawkins, M. S., Asst. to Pres. & Sec.
47—Hawkins, R. D., Gen. Supt. M. P.
24a—Hawkins, Jr., T.G., V.-Pres.
797—Hawkins, T. K., Aud., Sec., Treas. & Car Acct.
798—Hawkins, T. M., Pur. Agt. & Str. Kpr.
428—Hawkins, W. H., Gen. For Loco. Dept.
1020c—Hawks, F. W., Valua. Eng.
930—Hawley, A. L., Asst. Gen. Aud.
930—Hawley, C. L., Asst. Div. Str. Kpr.
757—Hawley, E. D., Supt. Trans.
829—Hawley, J. L., Gen. Mgr.
1078a—Hawley, P. B., Asst. Treas.
616—Hawley, W. P., V.-Pres.
1039—Haworth, G. R., Div. Eng.
627c—Haworth, J. H., Rd. Mast.
751c—Hawthorne, F. M., Div. Eng.
1003—Hawthorne, H. J., Car Acct.
1850e—Hawthorne, V. R., Sec. Mech. Sect. & Equip. Paint. Sect.
328a—Hawxhurst, R. R., Gen. Coun.
137c—Hay, D. W., Loco. For.
137b—Hay, J., Rnd. Hse. Insp.
980—Hay, R. S., Gen. Aud.
207, 675a, 807—Hayden, C., Ch. Board, Fin., Com. & Exec. Com., V.-Pres., Treas.
319—Hayden, J. O., V.-Pres.
40c—Hayden, J. R., Asst. Traf. Mgr.
628a, 628b—Hayden, J. R., Asst. Supt. Car Dept.
209—Hayden, L. T., Rd. Mast.
234—Hayden, W. P., Asst. Gen. Mgr.
549—Hayden, W. P., Sig. Supvr.
549—Haydon, J. D., Div. Supt.
1070—Hayes, A. H., Asst. Treas. & Pur. Agt.
632—Hayes, C. A., Arch.
632—Hayes, C. B., V.-Pres.
619—Hayes, C. M., Asst. Gen. Rd. Mast.
563—Hayes, D.E., Asst. Div. Supt.
933a—Hayes, E., Car For.
229—Hayes, E. F., Div. Supt.
494—Hayes, F. A., Supt.
382—Hayes, H., Gen. Str. Kpr.
560—Hayes, H. B., M. M.
428—Hayes, H.C., Asst. Rd. Mas
1820—Hayes, H. W., Ch. Eng.
137b—Hayes, J. A., Car For.
40b—Hayes, J. B., Gen. For. B. &
629—Hayes, J. E., Chemist.
179—Hayes, J. E., Pres.
716—Hayes, J. H., Rd. Mast.
274—Hayes, J. J., Rd. Mast.
58a—Hayes, J. L., Asst. G. F.
204a—Hayes, J. M., Supt. Wo Equip.
207—Hayes, J. R., Rd. Mast.
629—Hayes, M. L., Asst. Sup Trans.
14—Hayes, M. P., Sta. Agt.
927b—Hayes, R., Eng. M. W.
705a—Hayes, R. L., Supvr. B. &
751b—Hayes, S. E., For. Car. Shop
135a—Hayes, S.V.R., Sec. & Trea
229—Hayes, T. J., Div. Supt.
1021—Hayes, V. R., Div. Eng.
616—Hayes, W.E., For. Rnd. Hs
58a—Hayes, W. F., Gen. Fo Loco. Dept.
628a—Hayes, W. F., Supt. Tin Serv.
1001—Hayes, W. F., Gen. Supv Time Serv.
705—Hayes, W. H., Supt. Dh Cars.
787a—Hayland, A. W., Sec.
549—Haylow, W. J., Supt. Tran
86a—Haymond, F. O., Gen. Sup
229—Haynes, C. H., Rd. For. Eng
229b—Haynes, C. H., Pres.
204—Haynes, G. B., Pass. Tra Mgr.
927b—Haynes, J., Supvr. B. & I
1563—Haynes, J. C., Traf. Mgr.
195—Haynes, J. R., Asst. Pur. Ag
886—Haynes, L. H., Str. Kpr.
42—Haynes, W. B., Rd. Mast.
229b—Haynes, W. H., V.-Pres.
808—Haynes, W. H., Strs. Insp
198a—Haynes, W. S., Gen. Mgr.
40a—Haynie, C.S., Div. Str. Kpr
549—Haynie, E. C., Rd. Mast.
946—Haynie, W. T., Sec., Treas & Aud.
432—Hays, E. A., Aud.
61a—Hays, E. C., Treas.
1802—Hays, G., Sec.
87—Hays, J. C., Supt.
751b—Hays, O. E., Rd. For. Eng
1001a—Hays, T. W., Supvr. Sig.
619—Hays, W. A., Gen. Atty.
137b—Haystead, E., Rd. Mast.
186—Hayter, R. O., Eng. Hse. For
763—Hayward, N., V.-Pres.
279—Hayward, T. A., Str. Kpr.
177—Hayward, W. J., V.-Pres. Treas. & Gen. Mgr.
137g—Haywood, A. E., Asst. Eng
498—Haywood, W., G. F. A.
665a—Hazard, R., Pres.
665a—Hazard, Jr., T. G., V.-Pres
286a—Hazel, J. F., Supt. M. P. & Equip.
275—Hazleton, W. E., Str. Kpr.
927a—Hazelwood, C. H., Trk. Supvr.
933—Hazelwood, L. W., Aud.
860—Hazelwood, W. G., Div. Eng.
137—Hazen, H. T., Asst. Ch. Eng.

693a–Hazzard, W. L., Supvr. Piece Work Schedules.
698b–Head, J. P., Dist. Eng.
927a–Head, N. O., Asst. Eng. Maint.
522–Headden, W. R., Asst. Gen. Land & Tax Agt.
751b–Heasington, R. V., Asst. M. M.
294–Headley, A., Gen. For. Car Dept.
964–Heafer, H. W., Asst. G. F. A.
439–Heafer, J. B., Supt.
826–Heafner, S. M., Rd. Mast.
927a–Heald, E. A., Treas.
739–Heald, S. W., Supt.
398–Healey, A., Rd. Mast.
598–Healey, C. C., Dist. Supt.
40a–Healey, D., Rd. Mast.
438–Healy, F. A., Treas. for Recr., Aud. & Car Acct.
751a–Healy, F. J., For. Boil. Shops.
137c–Healy, J. D., Asst. Supt.
204a–Healy, J. S., Rd. Mast.
1815–Healy, M. J., Atty.
137g–Heaman, J. A., Ch. Eng.
751a–Heap, J. O., Supvr.
1703–Heard, J. F., Supt. Constr.
804a–Hearn, A. S., Aud.
879–Hearn, G. A., Supt. Equip. & Elec. Eng.
764–Hearsey, W. O., Supt.
639b–Heater, O. L., Pres., Pur. Agt. & Traf. Mgr.
1604–Heath, C. A., Traf. Mgr.
930–Heath, C. F., Supt. Steamers
311–Heath, H. B., Pres.
40c–Heath, H. I., Div. Str. Kpr.
593–Heath, J. M., Frt. Clm. Agt.
365–Heath, W. H., Supvr. Trk.
142b–Heazel, F. J., Sec.
481–Heazlitt, B. Y., Pur. Agt.
189e–Hebb, A. G., Asst. Supt. & Div. M. M.
757–Heberd, E. M., Sec.
139–Hebert, E. J., Asst. G. P. A
239–Hebert, J. A. Rd. Mast.
198a–Hebner, C. N., Sec. & Treas.
751a–Hebrank, M. M., For. Paint Shops.
1046–Hechmer, G. A., Sec., Treas. & Gen. Mgr.
928–Heck, F. W., Trav. Eng.
204a–Heck, R. G., Asst. Eng.
80–Heckart, J. J., Pres.
600–Heckman, P. H., Rd. For. Eng
693c–Hecox, H. V., Rd. For. Eng.
751a–Hedden, W., For. Paint Shops.
58–Hedeman, W. R., Ch. Draft.
195b–Hedengren, A. F., Mast. Carp
137c–Hedge, G. H., Wks. Mgr.
959a–Hedges, D. E., Asst. Treas. & Aud.
137c–Hedges, G. H., Wks. Mgr.
832–Hedgpeth, J., Treas.
832–Hedgpeth, P., Pres. & Gen. Mgr.
1001a–Hedrix, C. E., Supt.
808–Heebner, C., Gen. Coun.
137b–Heels, H., Rd. Mast.
137b–Heels, P. C., Rd. Mast.
137b–Heels, R., Rd. Mast.
507–Heer, C. G., Treas.
1811–Heermans, F. A., Asst. Sec.
344–Hees, J. L., Pres.
322c–Heeter, S. A., For. Sig. Maint.
1540a–Heffernan, H. J., Traf. Mgr.
1518a–Hefren, C. A., Pres.
43a–Hefty, T. A., V.-Pres.
847–Hegberg, C. O., Rd. For. Eng.
693b–Heidenreich, C. F., Dist. Str. Kpr.
697–Heidenthal, W. C. Eng. M. W
705–Heidler, J. T., Gen. For.
258–Heidrick, C. F., Gen. Mgr., Pur. Agt., G. F. & P. A & Car Acct.
258–Heidrick, F. M., Pres.
381b–Heilbron, L., V.-Pres. & Ind. Comr.
207–Heimerdinger, W. E., Div. Eng.
383–Heimrich, J. G., Pres., Treas., Gen. Mgr. & Pur. Agt.
808–Heinbach, W. F., Div. M. M.
382–Heinen, F. J., Dist. Rd. Mast.
584–Heinke, L. H., Treas.
125–Heinrich, J. A., Treas.
96–Heins, C. H., V.-Pres.
324–Heintz, L. O., Aud.
808–Heiser, C. E., Asst. Elec. Eng.
331–Heiser, F. W., Gen. Mgr.
132–Heiser, W. F., M. M.
61, 589, 751–Heiserman, C. B., Gen. Coun., V.-Pres. & Gen. Coun
794–Heiserman, L. F., Car Acct.
1001b–Heisler, F. B., Valua. Eng.
186–Heiszenbuttel, H., Gen. For. B. & B.
137g–Heitmann, P., Aud.
629–Heitzman, W. L., Chemist.
791–Helbig, O. H., V.-Pres. & Traf. Mgr.
716–Helem, H., Rd. Mast.
58a–Helfrich, F. A., Dist. Elec. Supvr.
930–Hellen, J., Asst. G. P. A.
195a–Heller, H. E., G. F. A.
751a–Heller, H. T., For. Car Shops
930a–Hellerstedt, C. J., Treas. & Asst. Sec.
773–Hellman, C., Gen. Car. For.
204c–Hellmuth, G. T., Clm. Agt.
1021–Helm, A. F., Supt.
40a–Helm, F., Dist. Eng.
40d–Helm, Jr., T. W., Aud.
198–Helmbrecht, A. F., Ind. Hse. For.
523–Helme, C. F., M. M.
1701–Helme, R., Supt.
832–Helmer, A. E., Sec.
960a–Helms, A. M., Trk. Supvr.
137c–Helston, M., Supt. Trans.
40b–Helvern, D. E., Dist. Eng.
207–Helwig, F. B., Mast. Carp.
180–Helwig, P. W., M. C. B.
186–Hemes, F. H., Div. Supt. Term.
274–Heminway, T. A., Div. Car For.
79–Hemming, J. C., Supt.
751c–Hemminger, C. E., Mast. Carp.
847–Hemphill, C. P., Sig. Supvr.
207–Hemphill, F. J., Sig. Supvr.
410–Hemphill, W. F., Sec.
696–Hempstead, C. H., Asst. Sec.
204a–Hempstead, R. C., Div. M. M.
204a–Hemsey, F., Trav. Eng.
40a, 40b–Hemus, E. H., Asst. Gen. Clm. Agt.
204a–Henberger, J., Rd. Mast.
751a–Hench, C., Mast. Carp.
927a–Hendee, A. E., Asst. G. F. A.
325a–Henderson, C. D., Pur. Agt
927a–Henderson, C. G., M. M.
1802–Henderson, C. S., Comr.
986–Henderson, E. L., Rd. Mast.
1051–Henderson, H. H., Compt.
1699a–Henderson, J. B., Gen. Mgr.
40a–Henderson, J. E., Rd. Mast.
1814–Henderson, J. H., Com. Coun.
1009b–Henderson, J. R., Pur. Agt.
882–Henderson, L. E., Supt. Din. & Sleep. Cars.
150a–Henderson, R. B., Pres.
58b–Henderson, R. C., Mast. Carp.
489–Henderson, R. W., Pur. Agt.
180–Henderson, S. P., Supt.
931a–Henderson, S. R., Gen. Car For.
23–Henderson, Jr., S. W., Sec.
47–Henderson, W. H., Asst. G. F. A.
1839–Hendley, J. O., Rate Expert
930–Hendren, G. W., Rd. Mast.
328–Hendricks, C. H., Aud. & Car Acct.
1832–Hendricks, E. M., Traf. Expert.
229–Hendricks, J. G., Supvr. of Trk.
432, 432a–Hendricks, W. P., Pur. Agt.
209–Hendrickson, A. M., Rd. Mast
631a–Hendrix, E. L., Ch. Eng.
739b–Henerix, P., Aud.
629–Hendrix, Y. B., Str. Kpr.
619–Hendry, J. W., M. M.
751b–Henegan, M. J., Rd. For. Eng.
47–Hengeveld, H., Mast. Paint.
751a–Hengstler, D., Gen. For.
982–Henkel, A. A., 1 V.-Pres.
982–Henkel, A. M., 2 V.-Pres.
982–Henkel, E., Gen. Mgr.
982–Henkel, J., Pres.
1004–Henkle, O. T., Gen. Mgr.
628a–Henley, J. H., Rd. For. Eng.
705–Henley, R. G., Asst. to Supt. M. P.
927a–Henley, S. G., Trk. Supvr.
137a–Hennessy, G. E., Str. Kpr.
847–Hennessy, B., Asst. Eng.
988–Hennessy, D. B., Sec. & Treas.
1296–Hennessy, D. R., Traf. Mgr.
204a–Hennessy, J. J., Asst. M. C. B.
137a–Hennessy, T. W., M. M.
695c–Henny, J. S., G. F. A.
1637d–Henrichs, A. C., Traf. Mgr.
632–Henriques, E. J., Office Eng
234, 349–Henritzy, J. L., Supt. Tel.
195a–Henry, C. A., Supt. Shops.
751b–Henry, C. L., Asst. M. M.
523–Henry, E. J., Traf. Mgr.
186–Henry, E. L., Asst. Div. Supt.
351–Henry, E. R., Asst. Gen. Mgr.
616–Henry, G. F., Asst. Sec. & Asst. Treas.
751–Henry, J. M., Asst. Ch. M. P
189–Henry, M., Supvr.
137–Henry, R. A. C., Dir. Econ.
229–Henry, R. F., Supvr. B. & B.
342–Henry, W. N., Asst. Rd. For. Eng.

373a–Henshaw, G., Pres.
229d–Henshaw, G., Gen. Atty.
726d–Henshaw, G. A., Recr.
982a–Henshaw, W. F., Sec. & Treas.
472, 962–Hensley, L. J., Compt., Asst. Sec.
705–Henson, H. F., Rd. For. Eng.
693a–Hentz, A. G. M. M.
137c–Henze, P., M. M.
176–Henzmann, J., Supvr. Trk.
673–Hepburn, W. W., Pres.
137c–Herbert, A. T., Rd. Mast.
931a–Herbert, D. B., Gen. For.
931–Herbert, G. B., Sec. & Aud.
629–Herbert, G. O., Supvr. Serv. Bur.
751a–Herbert, T. C., Div. Supt.
277a–Herbert, W. P., Treas.
693b–Herbster, A., Div. Gen. For.
847–Herd, P., Div. Rd. Mast.
346–Herendeen, H. B., Aud.
716–Herider, A., Supvr. B. & B.
195b–Herigstad, P., Rd. Mast.
182–Herin, G., Mast. Carp.
1001c–Hering, S. A., C. S. A.
472–Heritage, C. S., Bridge Eng.
58b–Herlihy, J. J., M. M.
927–Herman, B., Ch. Eng.
787a–Herman, J. F., Ch. Eng.
989–Hermanos, H., Pur. Agt.
186–Hermans, M., Rd. Mast.
907–Hermany, A., Asst. Gen. Aud.
314–Hermes, J. E., Rd. For. Eng.
549–Herms, J. J., Supvr. B. & B.
670–Hernandez, F., Rd. Mast.
670–Hernandez, J. M., Rd. Mast
670–Hernandez, M., Frt. Agt.
670–Hernandez, P. M., Div. Supt.
207–Herndon, D. E., Elec. Supvr
207–Herndon, R. E., Rd. Mast.
58–Herold, E. E., Stationer.
1469–Herold, H. S., Traf. Mgr.
332–Heron, J. C., Supt. Shops.
693b–Herr, G., Eng. Bldgs.
670–Herrera, V., M. M.
410–Herrick, A., M. M.
693b–Herrick, E. A., Rd. For. Eng.
1021–Herriman, F. E., Supvr. B. & B.
135–Herriman, F. E., V.-Pres.
930–Herrin, W. F., V.-Pres. & Ch. Coun.
18–Herring, A. J., Asst. Supt.
342–Herring, F. H., Str. Kpr.
137c–Herring, J., Car For.
198–Herring, J. W., Brdg. Supvr.
705–Herrman, B. W., V.-Pres.
417–Herrman, C. S., Treas.
150a–Herrod, R. F., Pur. Agt.
635–Herrold, A. E., M. M. & M. C. B.
14–Herrold, H. J., G. F. & P. A.
1833–Herrold, J. W., Supt. Bur. Rates & Serv.
751c–Herron, C. R., Tel. & Sig. Supvr.
739–Hersh, W. L., Supt. Tele. & Telo. Sigs.
930–Hershberger, M. H., Sig. Supvr.
395–Hershey, J. S., G. F. A.
695a, 695b–Herter, F. J., Eng. R. S.
58b–Herth, C. E., Div. Eng. M. W.
58a–Hertz, D. E., Dist. M. P., Insp.
991–Hertzler, W., Sec.
1071–Hervey, E. M., Local Mgr. & Elec. Eng.
771–Hervey, R. S., Aud.
24–Hervey, T. H., Supt. Car Serv
204b–Hervin, A. W., Rd. Mast.
847–Herzog, M. A., Chemist.
693b–Heslink, E. A., Asst. Supvr. sig.
176–Hess, A., Asst. Div. Eng.
1057c–Hess, C. G., M. M.
782–Hess, C. L., Aud.
980–Hess, E., Asst. M. M.
430–Hess, F., Gen. Coun.
24, 1021–Hess, G. F., Supt. M. P.
382, 605, 623–Hess, Jr., G. H., Compt.
382–Hess, J. J., Gen. Rd. Mast.
234, 349–Hess, W. H., Valua. Eng.
1076b–Hesse, F. G. S., V.-Pres.
927–Hesselbach, H. W., Architect
275–Hesser, T., Asst. Rd. For. Eng
964–Hesterley, W. L., Dist. Rd. Mast.
549–Hestle, J. S., Rd. Mast.
1703–Hetzel, H. W., Aud.
79, 191–Hetzler, H. G., Pres.
204–Heuel, W. P., Aud.
961–Heuer, H. D., Asst. Sec.
229–Heuss, C. W., Supvr. B. & B.
274–Hevers, J., Rd. Mast.
428–Hevron, J. W., Gen. Supt.
274–Hewel, J. E., For. Car Paint.
186–Hewelt, F., Gen. For. Car Dept.
629–Hewes, C. A., Asst. Eng.
739a–Hewes, F. S., Div. Eng.
310–Hewes, J. E., V-Pres., Gen. Mgr. & G. F. & P. A.
39a, 229c–Hewett, C., Gen. Aud.
931, 931a–Hewett, P., Supt. Tel.
369–Hewett, W. W., Frt. Clm. Agt
87–Hewgley, C. W., Gen. Coun.
523–Hewitt, C., Supvr.
718c–Hewitt, C. A., G. B. A.
927a–Hewitt, G. G., Supvr. B. & B.
808–Hewitt, J. W., Asst. Frt. Traf. Mgr.
926–Hewitt, J. W., Gen. Supt. Ry. Oper.
392a–Hewitt, S., Trk. Supvr.
137b–Hewson, E. G., Eng. M. W.
847, 1927–Heyburn, J. D., M. M., 2 V.-Pres.
751a–Heyl, E. R., Supvr.
207–Heyman, G. W., Gen. For. Loco. Dept.
798–Hibbard, F. H., Eng. M. W.
472–Hibbard, J. F., Sta.
666–Hibbett, E. A., Supt.
523–Hibbits, F. N., Supt. M. P.
195a–Hibbs, O. C., Div. Supt.
58a–Hice, G. T., Gen. For. Loco. Dept.
1670a–Hichborn, G. F., Gen. Traf. Mgr.
47–Hicken, G. V., Supt. Din. Cars
1076c–Hickey, D. W., V.-Pres. & Sec.
629–Hickey, D. W., Insp. Trans.
1700–Hickey, F. J., Gen. Mgr.
675a–Hickey, G. L., Gen. Mgr.
628a–Hickey, J. F., Supt.
930–Hickey, J. H., Sig. Supvr.
1800a–Hickey, J. J., Ch. Bur. Inqry.
97–Hickey, J. R., Str. Kpr.
204a–Hickey, W., Asst. Rd. Mast.
696–Hickey, W. F., Supt. Ins.
693a–Hickey, W. F., Dist. Str. Kpr.
990a–Hicklin, T., Supt.
961–Hickman, B. B., Supt.
930–Hickman, E., Aud.
629–Hickman, F. M., Loc. Treas.
229–Hickman, J. A., Asst. G. F. A.
739a–Hickok, G. B., Rd. Mast.
737d–Hickok, J., Supt.
274–Hickok, W. H., Ch. Insp. Car Dept.
751–Hickox, A. P., Asst. Frt. Clm. Agt.
195–Hickox, J. R., Hydraulic Eng.
1204, 1264, 1403, 1571–Hickox, L. C., Traf. Mgr.
428–Hicks, A. B., Supvr.
927a–Hicks, E. M, Rd. For. Eng.
87, 395a–Hicks, F. M., Traf. Mgr.
204b–Hicks, F. N., Asst. Traf. Mgr.
666–Hicks, G. D., Supt.
718c–Hicks, G. H., Ch. Eng.
721–Hicks, G. R., V.-Pres.
40a–Hicks, I. C., Mech. Supt.
307a–Hicks, M. B., V.-Pres.
87–Hicks, R. B., V.-Pres.
365–Hicks, R. C., Traf. Mgr.
137c–Hicks, S., Loco. For.
927b–Hicks, T. F., Rd. For. Eng.
927–Hicks, T. L., Div. Str. Kpr.
1001a–Hideman, C. F., Rd. Mast.
986a–Hiett, C. N., Gen. Clm. Agt.
886–Higbe, W. B., Rnd. Hse. For.
137c–Higgenbottom, H., Car For.
40a–Higgie, H. H., Div. Str. Kpr.
551–Higginbothan, T., Tr. Supvr.
751b–Higginbottom, W. C., Div. Supt.
751a–Higginbottom, W. C., Div. Supt.
207–Higgins, B. A., Div. Str. Kpr.
563–Higgins, C. H., Rd. Mast.
1871–Higgins, D. J., Pres.
1079–Higgins, F. L., S. M. P.
757–Higgins, G., Supvr. B. & B
41–Higgins, J. A., Asst. G. P. A.
159–Higgins, J. H., Asst. Trk. Supvr.
475–Higgins, J. L., Pur. Agt.
1870, 1886–Higgins, J. W., Ex. Sec., Chman.
97–Higgins, P., Trk. Supvr.
58b–Higgins, R. I., Gen. For. Loco. Dept.
886–Higgins, R. M., Gen. For. Car Dept.
1806–Higgins, R. T., Chman.
1800b–Higgins, S., Comr.
549–Higgins, W. F., Supvr.
704–Higgins, W. G., Supt. Sup.
382–Higgins, W. J., Trav. Eng.
931a–Higgins, W. S., Div. Eng.
159–Higgs, G., Rd. For. Eng.
9b4–Higgs, J. W., Asst. Eng.
1001b–Higgs, R. F., Gen. Car For.
462–High, W., M. M.
1820–Highlands, A. A., Sec.
1001a–Highleyman, J. W., Asst. Supt. M. P. & Mach.
1009b–Hight, C. A., Pres.
279–Hightower, E. C., Rd. Mast.
322b–Higley, G. H., Supvr. Air Brks.

1251—Higley, H. V., Traf. Mgr.
464—Hilborn. R. D., Aud.
751a—Hildabrand, F. A., For. Car Shops.
1862—Hildebrandt, E. A., Pres.
71—Hilderbrand, F. D., For. Car Rep.
523—Hildum, C. E., V.-Pres. & Compt.
229—Hiles, W., Ch. Sig. Insp.
176—Hilgen, J. G., Str. Kpr.
96—Hill, A. C., Sig. Supvr.
371—Hill, C. C., Car Acct..
371—Hill, C., M. M.
40c—Hill, C. E, Asst. to Gen. Mgr
600, 693a, 771—Hill, C. E., Gen. Safety Agt.
195a—Hill, E. E., Rd. For. Loco.
847—Hill, E. L., Asst. Supt.
751a—Hill, E. S., For. Car Shop.
382—Hill, F. A., G. B. A.
600—Hill, F. J., Ch. Elec. Car Dept
601—Hill, G. A., Gen. Mgr. & Gen. Traf. Mgr.
819—Hill, Jr., G. A., Sec.
693a—Hill, G. E., Asst. Sig. Supvr.
751b—Hill, G. W., Supvr. Tel. & Sig.
7d—Hill, H. H., Gen. Mgr., Aud. & Traf. Mgr.
693c—Hill, H. H., Supvr. A. B. Equip.
137—Hill, J. A., Asst. Aud.
195b—Hill, J. A., Rd. For.
666—Hill, J. B., Pres.
204a—Hill, J. E., Div. Supt.
1051—Hill, J. F., Mech. Insp.
847—Hill, J. F., Rd. For. Equip.
322—Hill, J. G., G. F. A.
361—Hill, J. H., V.-Pres.
366, 368—Hill, J. J., Gen. Coun..
382—Hill, L. W., Chman.
428—Hill, N. R., Rd. Mast.
342—Hill, R., Asst. Supt. Trans.
382—Hill, R., Car For.
304—Hill, R. C., V.-Pres.
984—Hill, R. F., G. F. & P. A.
58—Hill, S. W., Asst. Aud.
428—Hill, T. E., Supt.
629—Hill, W., Supvr. Water Serv.
638, 776—Hill, W. D., Aud.
600, 693b, 693c—Hill, W. H., Agric. Agt., Gen. Agric. Agt.
1860a—Hill, W. H., I V.-Pres.
381a—Hill, W. S., Gen. Supt.
808—Hilleary, E. D., V.-Pres.
47—Hillegass, E. B., Eng. M. W.
274—Hiller, F. N., Asst. G. F. A.
861—Hillgard, B. W., Aud.
186—Hilliard, E. J., Supvr Sig.
751a—Hilliker. H. B., Gen. For.
195a—Hillis, W. H., Dist. Eng. M. W.
79—Hillman, A. B., Rd. Mast.
616—Hillman, C. M., Supt. Shops.
198—Hillman, F. E., Asst. Rd. For. Eng.
198—Hillman, F. O., Rnd. Hse. For.
186—Hillman, F. W., Div. Eng.
137—Hills, A. J., Asst. to V.-Pres.
666, 737b—Hills, W. J., Supt.
1672—Hillyer, C. A., Traf. Mgr.
122—Hiltabidle, J. C., Supt. Trans.
322—Hilton, A. C., Gen. East. Pass. Agt.
96—Hilton, L. H., Asst. Aud.
1415a—Hilton, V. C., Traf. Mgr.
40—Hilton, W. C., Asst. to V.-Pres.
58a—Himes, A. B., Asst. Eng. M. W.
195a—Hinchcliff, T. P., Asst. G. P. A
1001a—Hinchey, M. M., Car Serv. Agt.
434—Hinchman, C. E., Supt. Trans.
229—Hinchman, C. F., Div. Eng.
982b—Hinchman, W. B., Asst Traf. Mgr. & Pur. Agt.
1001b—Hinckley, A. C., Supt. M. P.
1581a—Hindman, M. H., Traf. Mgr.
693a—Hinds. C. A., Supvr. Const.
410—Hinds, E. P., V.-Pres.
234—Hinds, H. E., Asst. to Supt. M. P.
1021—Hinds, R. C., For. Paint.
927b—Hinds, R. T., Sig. Supvr.
200—Hine, C. C., Gen. Solr.
176—Hinebough, J. E., Rd. For. Eng.
229—Hiner, W. J., Pur. Agt.
176—Hinerman, W. V., Gen. For
626a—Hines, E., Pres.
961—Hines, E. R., Gen. Clm. Agt.
808—Hines, F. D., Mech. Asst.
58a—Hines. J. P., M. M.
274—Hines, F. J., Supvr. Tools.
872b—Hines, R., Str. Kpr.
549—Hines, W. P., G. B. A.
58—Hinkey, W. M., Supvr. Matls.
198—Hinkle, C. L., Gen. Mgr.
1516—Hinkle, E. M., Traf. Mgr.
847—Hinkle. F., Div. Rd. Mast.
198—Hinman, D., Asst. Eng.
629—Hinman, J. M., Dist. Str. Kpr.
335—Hinman, T. P., Pres.
47—Hinnant, C. L., Asst. G. F. A
269—Hinrichs, P. L., Sec. & Treas.
930—Hinshaw, H. A., Asst. Frt. Traf. Mgr.
122—Hinshelwood, J. V., Ch. Acct.
218a—Hinton, K. A., Sig. Eng.
927b—Hinton, S., Trk. Supvr.
927b—Hinton, S. B., Trk. Supvr.
186—Hinze, J. H., Eng. Hse. For.
751a—Hipkins, C. C., Rd. For. Eng.
1616—Hirschberg, S. W., Traf. Mgr
275—Hirschthal, M., Concrete Eng.
510—Hirshman, H. J., Treas.
860—Hirshman, T. L., Asst. G. F. A
14—Hirst, E., Car For.
751b—Hirst, F. G., For. Loco. Rep.
472—Hirst, M. E., Trav. Eng.
137a—Hirtle, W. C., Car For.
1023—Hisey, F. H., Traf. Mgr.
674—Hiskey, J. M., Sec., Treas., Gen. Mgr. & Aud.
469, 470—Histed, C., V.-Pres. & Gen. Coun., V.-Pres.
176—Hitch, C. B., M. M.
58b—Hitch, C. M., Dist. M. C. B.
1330—Hitchcock, E. T., Traf. Mgr
629—Hitchcock, J. D., Rd. Mast.
40c—Hitchcock, J. R., Asst. Gen. Mgr.
927b—Hitchcock, O. L., Supvr.
40c—Hitchcock, W. D., M. M.
131—Hitesbew, C. T., Treas.
931, 931a—Hitt, J., Insp. M. W.
1851—Hitt, M., Asst. to Pres.
961—Hix, A. P., Sig. Eng.
176—Hix, A. W., Asst. to Dir. Pur. & Strs.
886—Hix, C. E., Supt. Transp.
1020c—Hix. C. H., Pres.
751c—Hixson, C. W., Supt. Tel. & Sig.
1009b—Hjortsberg, V. B., Aud.
137b—Hoag, G. A., Asst. Supt.
693a—Hoag, H. I., Gen. Insp. Trk.
180—Hoagland, J. R., Valua. Eng.
872a—Hoaker, J. A., Supt.
962—Hoar, H. H., Treas.
428—Hoar, J. M., Asst. Eng.
599—Hoard, L. R., V.-Pres. & Gen. Mgr.
623—Hoban, J., M. M.
1410—Hoban, J. J., Traf. Mgr.
58b—Hoban, M. P., Rd. For. Eng.
204a—Hobart, A. H., Rd. Mast.
308—Hobart, C. F., M. M.
127—Hobbins, J. R., V.-Pres.
1001b—Hobbs, A. E., Asst. G. F. A.
412—Hobbs, G. H., Sec. & Treas
1078a—Hobbs, G. S., Treas.
549—Hobbs, R. R., Supt. Tel.
629—Hobbs, W. H., Eng. Desigr.
97—Hobbs, W. J., V.-Pres.
1026—Hobbs, W. S., Gen. Mgr.
1228—Hobin, J. F., Traf. Mgr.
1489—Hobon, D. B., Traf. Mgr.
495b—Hobson. A. L., Pres. & Treas.
40, 40a—Hobson, H., Sig. Eng.
137b—Hobson, H. M., Rd. Mast.
927—Hobson. J. E., Sta.
398—Hobson. R., Pres.
176—Hobson, W. P., M. M.
1899—Hochgrebe, G. A. J., Sec.
207—Hockman, H. G., Div. Str. Kpr.
695c—Hockman, H. M., Asst. Eng
49—Hocquard, C. G., Ch. Acct.
136a—Hoctor, E. M., Sec. & Treas.
58b—Hodapp, F., Supvr. Loco. Oper.
693c—Hoddy, A. H., Gen. For.
139—Hodgdon, C. R., Sig. Eng.
751—Hodgdon, W., Asst. to Gen. Traf. Mgr.
139—Hodge, G., Asst. Gen. Mgr.
708—Hodge, O. E., Pres. & Sec.
229—Hodge, W. B., Div. Eng.
58a—Hodges, A. H., Dist. M. M.
927a—Hodges, C. C., Asst. Supt.
931—Hodges, E., Asst. Supt.
1040—Hodges, F. W., Asst. G. P. A.
204a—Hodges, G. P., Div. M. M.
466, 1057e—Hodges, O., Supt.
886—Hodges, T. A., Asst. Gen. Str. Kpr.
47—Hodges, V. A., Rd. Mast.
40—Hodges, W. E., V.-Pres.
751c—Hodgin, S. W., Div. Eng.
47—Hodgkin, R. G., Asst. to Frt. Traf. Mgr.
616—Hodgman, C. A., Supt.
413—Hodgson, F. D., Compt.
139—Hodgson, L., Rd. Mast.
619—Hodson, A. E., Frt. Clm. Agt.
619—Hodson, L. E., Asst. Frt. Aud.
207—Hodson, W., Asst. Treas.
1593—Hoefer, E., Asst. Treas.

979—Hoeggen, M. O., Aud.
204a—Hoehn, B. F., Div. Supt.
437a—Hoenshel, J. E., Eng.
195b—Hoenshell, E. D., Rd. Mast.
195b—Hoenshell, F. M., Rd. Mast.
195b—Hoenshell, O. M., Rd. For.
629—Hoerschen, H., Str. Kpr.
629—Hoeschulte, O. J., Elec. Supvr.
751—Hofammann, K. E., Asst. Eng. Tests.
523—Hofecker, P., Supvr. B. & B.
392—Hoff, A. B., Comm. Police & Emp.
847—Hoff, C. P., Asst. Eng.
930a—Hoff, L. G., G. F. & P. A.
195a—Hoffelder, G. A., Asst. G. F. A.
851c—Hoffert, A. J., For. Car. Rep.
930—Hoffman, A. H., Asst. Gen. Air Brk. Insp.
1039—Hoffman, Jr., C. B., Asst. to Ch. Eng.
628a—Hoffman, C. S., Gen. Atty.
616—Hoffman, E. C., Pur. Agt.
1938—Hoffman, F. J., Asst. Mgr.
198—Hoffman, F. J., Eng. M. W.
879—Hoffman, H. J., Gen. Aud.
625—Hoffman, H. O., Pur. Agt.
58b—Hoffman, J. C., Sig. Supvr.
860—Hoffman, L. E., Asst. Supt.
1001a—Hoffman, L. T., Trav. Str. Kpr.
413—Hoffman, P. J., Mast. Paint.
400—Hoffman, R. E., Supt.
428—Hoffman, S. C., Sig. Supvr.
342—Hoffman, W. E., Supt. Sig.
159—Hoffman, W. G., For. Paint.
186—Hoffman, W. W., Div. M. M.
275—Hoffmeister, F., Str. Kpr.
775,925—Hoffstot, F. N., Pres., Supt
181—Hoffstot, H. P., Pres.
751b—Hofmeister, S. C., Supvr.
751b—Hofmeister, T. L., Supvr.
693a—Hogan, C. H., Mgr. Dept. Shops & Labor.
176—Hogan, J. E., Asst. Div. Eng.
207—Hogan, J. F., G. F. A.
860a—Hogan, J. W., Treas.
696—Hogan, P. J., Asst. Supvr Car Insp.
549—Hogan, T. H., Div. M. M.
59—Hogan, W., Supvr.
769—Hogan, W. L., Trans. Supt.
757—Hogarth, T. C., Car For.
751c—Hoge, H., Supvr.
382—Hogeland, A. H., Consl. t. Eng
838—Hogenmiller, W. E., Aud.
629—Hogsett, C., Asst. G. F. A.
26b—Hogue, G. E., Sec. & Treas.
516—Hogueland, E. H., Gen. Coun.
207—Hohenstein, E. H., Gen. Boiler Insp.
1059a—Hohl, A. G., Supt. Docks & Wharves.
82—Hohn, G. W., Supvr.
751—Hoke, H. A., Asst. Mech. Eng.
322—Holabird, H. C., G. P. A.
1071—Holaday, F. M., Dist. Mgr.
927a—Holbrook, F. P., Asst. Eng. Maint.
1700—Holbrook, F. S., V.-Pres.
696—Holbrook, N. T., Sig. Insp.
751b—Holbrook, W. H. Rd. For. Eng
432a—Holcman, R. C., Car Acct.
693a—Holcomb, A. M., Office Eng.
1029—Holcomb, A. S., Sec. & Gen. Mgr.
1001a—Holcomb, G. G., Tax Comr.
195—Holcomb, H. H., Frt. Traf. Mgr.
523—Holcomb, J. W., Supvr. B. & B.
361—Holcomb, W., Gen. For. Rd.
1464b—Holcombe, V. B., Traf. Mgr.
137c—Holden, D., Car For.
472, 962—Holden, E. H., Gen. Supt. Trans., 4 V.-Pres.
195, 234, 349, 737h, 1850—Holden, Hale, Pres. & Chman., Pres., V.-Pres., Dir.
1021—Holden, H. G., Asst. Frt. Traf. Mgr.
139e—Holden, J. C., Dist. Eng.
472, 962,—Holden, J. F., V.-Pres.
322c—Holden, R. E., Supvr. Loco. Oper.
438, 964—Holder, W. L., Tax Comr.
478—Holder, W. L., M. M.
394a—Holder, W. L., Tax Comr.
186—Holderman, H. L., Asst. Gen. Brdg. Insp.
890—Holderness, T. J., Aud.
204a—Holdorf, W., Asst. Sig. Supvr
930—Holdredge, C. H., Dist. Rd. For. Eng.
1589a—Holdren, H. N., Traf. Mgr.
137c—Holdway, G. T., Str. Kpr.
547—Holeman, J., For. Paint.
882a—Holeman, K. B., Gen. Mgr.
176—Holesapple, E. J., Supvr. Trk.
1021—Holland, G., Supvr.
1023—Holland, J. C., Supvr. B & B.
847—Holland, R., Div. Rd. Mast.
927b—Holland, R. C., Supvr.
799—Holland, R. F., Car Acct.
751b—Holland, S. E., Div. Eng.
847—Holland, T. P., Rd. For. Equip
549—Holland, W., Supvr.
195b—Holland, W. G., For. Water Serv.
927b—Holland, W. K., Trk. Supvr.
1671b—Holland, W. M., Traf. Mgr.
599b—Hollar, L. E., Gen. Supt.
58a—Hollen, T. H., Dist. M. C. B.
629—Hollenbeck, J. G., G. P. A.
716—Hollender, F. G., Asst. Sec. & Asst. Treas.
549—Hollifield, G. C., Supvr.
931a—Hollimon, B. S., Div. Supt.
665b—Hollinger, O. G., Aud., G. F. & P. A. & Frt. Clm. Agt.
964—Hollinger, R. R., Asst. G. F. A
195a—Hollingshead, F. E., Asst. G. F. A.
395a—Hollingsworth, L. C., Asst. G. F. A.
549—Hollingsworth, O. B., Div. Supt.
62—Hollis, C. H., Ch. Car Insp.
159—Hollis, C. L., Supt. Marine Dept.
335—Hollis, F. D., V.-Pres.
886—Hollis, F. M., Rd. Mast.
515—Hollis, J. W., Aud.
392—Hollister, G. W., Div. Str. Kpr.
670, 1015—Holloway, B. E., Exec. Pres., Chman.
137c—Holloway, H., Loco. For.
395—Holloway, J. W., Rd. For. Eng.
47—Hollowell, J. J., Str. Kpr.
209—Holly, J. P., Aud.
699—Holm, R. H., Div. Eng.
467—Holman, J. F., G. F. & P. A.
195b—Holmberg, C., Mast. Carp.
1021—Holmberg, J. P., Supvr.
316—Holme, P. E., M. M.
1800a—Holmead, A., Asst. Sec.
1416—Holmes, A. C., Traf. Mgr.
520—Holmes, A. M., Pur. Agt.
468c—Holmes, C. F., Pres & Gen. Mgr.
9—Holmes, C. H., Brdg. Eng.
1828—Holmes, D. C., Comr.
97—Holmes, E. R., Asst. G. P. A.
382—Holmes, F. L., Asst. G. P. A.
600—Holmes, G., Asst. to Pur. Agt.
159, 806—Holmes, G., Gen. Coun., Pres.
186—Holmes, G. A., Div. Supt.
637—Holmes, H. A., Gen. Supt. Power Dept.
365—Holmes, H. B., Ch. Eng.
749—Holmes, J., V.-Pres.
195a—Holmes, J. D., Sig. Supvr.
671—Holmes, M., Gen. Coun.
40a—Holmes, M. V., Rd. Mast.
600—Holmes, R. B., Asst. G. P. A.
452—Holmes, R. B., Supt. Overhead.
1569—Holmes, R. D., Traf. Mgr.
139—Holmes, R. G., Asst. G. F. A.
964—Holmes, R. L., Eng. W. S.
468c—Holmes, W. H., V.-Pres.
1598—Holmgren, H. R., Asst. Gen. Aud.
186—Holmquist, E., Div. M. M.
769—Holshouser, H. C., Supvr.
428—Holsinger, F. J., Gen. For. Loco. Dept.
204a—Holt, A. G., Asst. Ch. Eng.
1001b—Holt, E., Rd. Mast.
322—Holt, F. W., Purch'r.
616—Holt, J., Paint. For.
217—Holt, J. P., Supt. Rdways & Bldgs.
693b—Holt, L. B., Eng. Trk.
886—Holt, L. C., R. W. Eng.
428—Holt, S. J., Rd. Mast.
428—Holt, W., Supvr.
137c—Holtby, A. E., B. & B. Mast.
440a—Holton, A. L., V.-Pres.
195b—Holtorf, C. C., Div. Supt.
693c—Holtsbery, E. A., Div. Eng.
637—Holtzworth, C. C., Eng. M. W
382—Holverson, C., Dist. Rd. Mast
693—Holzemer, J. F., Asst. Pur. Agt.
221—Holzer, W. F., Trk. Supvr.
325a—Holzhauser, J. W., Treas.
563—Homans, H., Rd. Mast.
342—Home, J. G., Supvr. Water Supply.
1029a—Homer, F. T., Gen. Coun.
275—Homer, J. L., G. E. P. A.
751a—Homewood, C., Supvr. Tel. & Sig.
428—Hommell, R. H., For. Paint.
940—Homsher, F. i., Sec. & Treas
940—Homsher, J. G., Pres.
186—Homuth, W., Asst. Sig. Supvr.
622—Honey, C. C., Asst. Treas.

207—Hood, G. D., Supt. Tel.
176—Hood, J., Gen. For. Car Dept.
6—Hood, J. M., Gen. Supt.
931a—Hood, T., Asst. G. F. A.
1069c—Hood, W. D., V.-Pres.
923a—Hood, W. P., Supt.
14, 14a—Hoodless, H., Aud.
927b—Hooker, C. A., Gen. For.
1842—Hooker, L., Comr.
1800b—Hooper, B. W., Chman.
100—Hooper, F. A., Gen. Coun.
472—Hooper, F. H., Supt. Car. Serv.
135—Hooper, H. H., Supt.
804—Hooper, J. B., Aud.
927—Hooper, J. J., Gen. Frt. Clm. Agt.
151a—Hooper, J. J., Supt.
666—Hooper, J. W., B. & B. Supvr.
927—Hooper, L. V., Gen. Frt. Clm. Agt.
135—Hooper, M. B., M. M.
137c—Hooper, N. C., Car For.
472, 962—Hooper, R., Supt. Tel.
588—Hooper, S. U., Div. Supt.
726d—Hoopes, C., Sec. & Oper. Mgr.
751a—Hoopes, E. L., Div. Eng.
1449—Hoople, C. E., Traf. Mgr.
186—Hoops, D. H., G. F. A.
418—Hoover, C. P., Chemist.
633—Hoover, F. O., Sec.
234—Hoover, G. B., Supt. Trans.
970—Hoover, G. W., M. C.
413—Hoover, H. E., Asst. Rd. For. Eng.
1046—Hoover, J. M., Gen. Coun.
137b—Hope, W. A., Loco. For.
159, 1856—Hope, W. C., Pass. Traf. Mgr., Sec.
1436—Hope, W. F., V.-Pres. & Treas.
139h—Hopgood, J., Asst. Supt.
886—Hopkins, A. E., Rd. For. Eng.
186—Hopkins, C. W., Ch. Surg.
1015a—Hopkins, D., Pur. Agt.
40c—Hopkins, D., Rd. For. Eng.
382—Hopkins, E. E., Car For.
126—Hopkins, E. T., Gen. Mgr.
139—Hopkins, F. O., Asst. G. P. A.
498—Hopkins, G. B., Div. Str. Kpr.
47—Hopkins, G. H., Asst. Str. Kpr
751a—Hopkins, J. G., Div. Eng.
322—Hopkins, L. L., Div. Str. Kpr.
195—Hopkins, L. N., Pur. Agt.
322a—Hopkins, M., Trk. Supvr.
536—Hopkins, R. P., Sec., Treas. & Traf. Mgr.
1901a—Hopkins, S. G., Sec.
962—Hopkins, S. G., G. P. A.
629—Hopkins, W. A., Gen. Pur. Agt.
1021—Hopkins, W. A., Asst. G. F. Ar
629—Hopkins, W. H., Div. Str. Kp.
628a, 628b—Hopkins, Z. G., Mgr. Dept. Public Rel.
883a—Hopkinson, J. M., Supt. M. P
204a—Hopp, E. W., Div. M. M.
304—Hoppe, A. G., Ch. Mech. Insp
716—Hoppel, E. L., Live Stk. Agt
628b—Hopper, F., Mech. Insp.
229—Hopper, G. H., Dist. M. C. B.
927—Hopper, W. P., Asst. Treas.
274—Hopson, J. C., B. & B. Mast.
1835—Hopwood, J. G., Sec.
510—Horan, F. T., Supt.
58b—Horan, P. T., Gen. For. Loco. Dept.
751c—Horgan, D., Supvr.
801—Horley, W. G., Str. Kpr.
382—Horn, E. A., Loco. For.
58—Horn, E. T., Ch. of Yd. & Term.
751c—Horn, F., For. Car Rep.
9—Horn, H., Asst. Gen. Mgr.
462—Horn, J. E., Pres. & Treas.
139c—Horn, J. J., Supt.
137c—Horn, J. M., G. F. A.
462—Horn, S. R., Sec. & G. F. A.
462—Horn, T. L., V.-Pres. & Gen. Mgr.
1039—Hornbaker, G. H., Div. Eng.
646—Hornberger, J. B. L., V.-Pres. & Compt.
295—Hornby, H. C., Treas. & Gen. Mgr.
616—Horne, J., Supt. Shops.
218a—Horne, J. R., Asst. Rd. For. Eng.
997—Horne, P., Supt. R. E.
629—Hornecker, C. W., Asst. Supt. B. & B.
58a—Horner, E. B., Gen. For. Loco. Dept.
692x—Hornig, E. O., Equip. Asst.
137b—Horning, C. E., Asst. G. P. A.
600—Horning, H. A., Supt. Bldgs.
426—Horrell, S. B., Gen. Supt.
964—Horridge, J., Mech. Insp.
314—Horrigan, A. L., Gen. For.
314—Horrigan, J., Supt. M. P.
180—Horrom, C. E., Supvr. B. & B.
142b—Horsburgh, R. B., Asst. Sec. & Asst. Treas.
428—Horsley, C. E., Gen. For. Loco. Dept.
135—Horst, A. L., Asst. to Pres. & G. F. & P. A.
322b—Horth, Jr., A. J., Div. Eng.
982b—Horton, B. S., Rd. Mast.
137g—Horton, F., Aud.
342—Horton, F. H., Asst. Eng.
628a—Horton, O. O., Supvr. B. & B.
204a—Horton, T. P., Asst. Div. Supt
428—Horton, W. S., Gen. Coun.
97—Hortter, F. A., Car Acct.
751b—Hosford, C. C., Gen. Scale Insp.
137b—Hosking, J. H., Car For.
58a—Hoskins, F. G., Div. Supt.
40c—Hoskins, H. L., Rd. Mast.
428—Hoskins, J. M., Trav. Eng.
428—Hosmer, G. W., For. Paint.
600—Hossfeld, H., Div. Str. Kpr.
494—Hostetler, J. E., V.-Pres.
845—Hostetter, J. D., Gen. Atty.
790b—Hotchkin & C. F., Gen. Mgr. & Car Acct.
1040—Hotchkiss, C. N., Aud.
314—Hotson, W. B., Supt. B. & B.
40a—Hott, J. H., Gen. For.
58b—Hott, O. R., Gen. For.
705—Houchins, W. B., Supt. Term.
927a—Houchins, W. C., Gen. For.
1060—Houck, C. B., V.-Pres. & Gen. Mgr.
512—Houck, C. N., Sec. & Treas.
898—Houck, J. C., Gen. Mgr. & Traf. Mgr.
898—Houck, L. B., Pres.
47—Hough, V. J., Sig. Supvr.
1598—Hough, W., Asst. Compt.
949, 977—Hough, W. H., Gen. Aud., Sec. & Gen. Aud.
40, 1854—Houghton, F. B., Frt. Traf. Mgr., Pres.
62—Houghton, G. M., G. P. A.
693b—Houghton, R. A., Supvr. Trk.
693c—Houghton, W. L., Gen. For.
930a—Houle, E. C., Ch. Surg.
275—Houlihan, D. J., Rud. Hse. For.
382—Hoult, G. B., Dist. Str. Kpr.
137c—House, A. E., Car For.
180—House, C. M., Gen. Car For.
751a—Houser, J. W., For. Paint Shop.
58a—House, S., Asst. Frt. Traf. Mgr.
927b—House, W. M., Gen. For. Car Rep.
58a—House, W. R., Supvr. Rds.
629—Housholder, A. P., Div. M. M.
886—Houston, E., Str. Kpr.
137b—Houston, E. F., Loco. For.
616—Houston, J. P., Asst. to Ch. Oper. Off.
960a—Houston, P. D., Treas.
930a—Houston, S. M., Supt. Shops.
600—Houston, W. O., Div. Eng.
413—Houston, W. W., Supt.
1005—Hovey, F., Pres.
186—Hovland, D. J., Rd. Mast.
1001a—Howard, A., Rd. For. Eng.
439—Howard, A. R., V.-Pres., Sec. & Treas.
933a—Howard, B. M., Brdg. Eng.
546a—Howard, C., Pur. Agt.
350, 847—Howard, C. D., Gen. For. B. & B. & W. S.
137—Howard, C. K., Gen. Tour. Agt.
1934—Howard, C. L., Sec. & Asst. Gen. Coun.
157—Howard, C. P., Supvr. Trk.
139—Howard, D. L., Supt. Tel.
322—Howard, F. A., Eng. Struct.
930—Howard, F. S., Asst. to Pass. Traf. Mgr.
392—Howard, G. F., Treas.
1517—Howard, J. F., Traf. Mgr.
204—Howard, J. H., Asst. Compt.
274—Howard, J. W., Div. Car For.
198—Howard, N. L., Pres.
1021—Howard, R. H., Ch. Eng.
227—Howard, S. A., V.-Pres.
395—Howard, W. F., Supt. Shops.
1917—Howard, W. H., Chman.
883a—Howard, W. H., Supt. Trans.
549—Howard, W. P., Div. Supt.
1076e—Howard, W. S., Supt.
40a—Howatt, P., Div. Str. Kpr.
945—Howe, A. S., Supt.
549—Howe, B. D., Asst. Eng.
600—Howe, C., Traf. Mgr.
176—Howe, C. H. R., Cost Eng.
195a—Howe, F. J., Gen. Boiler For.
600—Howe, G. C., Exec. Asst. to V.-Pres.
227—Howe, G. W., Supt.
58a—Howe, J., Shop Supt.
737d—Howe, J. B., Asst. Sec.
279—Howe, J. F., Aud.
40—Howe, W., Locating Eng.

996—Howe, W., Sec., Treas.
58b—Howe, W. H., Mast. Carp.
751c—Howell, C. D., Mast. Carp.
47—Howell, F. P., Supt. M. P.
961—Howell, J. L., Gen. Atty.
632—Howell, J. P., Supt. Trans
25—Howell, R. L., G. F. & P. A. & Frt. Clm. Agt.
991—Hower, D. B., Treas.
716—Hower, G. C., Div. Str. Kpr.
991—Hower, H. C., Gen. Mgr.
428—Howerton, A. G., Bridge Insp.
964—Howes, C. P., Brdg. Eng.
616—Howie, R. D., Asst. Supt.
886—Howie, T. V., Asst. Rd. For. Eng.
481—Howison, J. A., G. F. A.
126a, 1371—Howland, A. M., Traf. Mgr.
716—Howland, E. A., Rd. Mast
1060b—Howland, F. T., V.-Pres. & Traf. Mgr.
322—Howley, T. F., Supt. Loco. Oper.
1860—Howson, E. T., 1 V.-Pres.
467—Hoyt, A. G., Pres.
123—Hoyt, H. B., Supvr. Timber Preserv. Plant.
297—Hoyt, W. H., Ch. Eng.
619—Hrabik, M. C., Trav. Eng.
771—Hruska, F. A., Ch. Clm. Agt.
616—Hruska, J., Supvr.
176—Hubbard, D., Div. Eng.
964—Hubbard, G. P., Dist. Rd. Mast.
847—Hubbard, H. E. Gen. For.
773—Hubbard, J., V.-Chman. Bd.
71—Hubbard, L., Sec. & Treas.
693b—Hubbard, P. D., Asst. Eng.
428—Hubbard, R. E., Supvr. B. & B.
693—Hubbel, H., Frt. Traf. Mgr.
266—Hubbell, C., Recr.
275—Hubbell, C. C., Pur. Agt.
285, 443—Hubbell, F. C., Pres.
137c—Hubbell, H. G., Asst. Supt.
207—Huber, H. A., Sup. Refg. Ser.
751b—Huber, H. G., Asst. Eng. M. P.
724—Huber, R. S., Supt.
137b—Hubert, J. L., Rd. Mast.
382—Hubley, R. S., Insp. Eng. Wood Preserv.
751b—Hubley, W. W., Supvr.
97—Huckins, G. L., Const. Eng.
42—Huddleston, H., Supt.
137b—Huddleston, W., Str. Kpr.
126—Hudelson, C. S., M. M.
847—Hudgens, H. W., Ch. Clm. Agt
1840—Hudnall, O. D., Rate Expert.
47—Hudson, A. J., Asst. Str. Kpr.
137f—Hudson, A. O., Loco. For.
751c—Hudson, B. H., Div. Supt.
986a—Hudson, B. M., Supt. B. & B.
32a—Hudson, F. G., Asst. Sec. & Gen. Atty.
189—Hudson, H. L., Dist. Str. Kpr.
725b—Hudson, H. R., Pres.
626a, 947—Hudson, M. L., V.-Pres. & Sec., Sec.
179—Hudson, R. G., Asst. Sec.
551—Hudson, R. N., Pres. & Gen. Mgr.
1836—Hudson, S. E., Comr.
137b—Hudson, T. C., Asst. Gen. Supt. M. P.
886—Hudson, T. C., Rd. Mast.
757—Hudson, W., Shop Supt.
395—Hudson, W. A., R. W. Agt.
927a—Hudson, W. C., Gen. Supt.
751b—Hudson, W. L., Rd. For. Eng.
693a—Huelle, G. C., Asst. Sig. Supvr
284, 443—Hueston, C. H., Treas., Asst. Treas.
137b—Hueston, J. A., Car For.
628b—Huff, C. C., Gen. Solr.
705—Huff, F. E., Trav. Str. Kpr
876—Huff, H. D., Aud.
705—Huff, H. T., Rd. Mast.
44—Huffer, Jr., H. C., Pres.
180—Huffines, C. D., For. Loco. Rep.
629—Huffman, A. J., Supvr. B. & B
629—Huffman, C. B., Asst. Eng.
382—Huffman, E. C., M. M.
186—Huffman, F. C., Asst. Eng. Maint.
58a—Huffman, G. W., Supvr. Rd.
195b—Huffman, M., Mast. Carp.
693a—Huffman, R. S., Asst. Gen. Str. Kpr.
182—Huffman, S. S., Asst. Div. Supt.
531—Huffstetler, R. A., G. F. & P. A.
428—Huffstutter, H. O., Supvr.
1009d—Huggins, C. N., V.-Pres. & Gen. Mgr.
275—Hughes, A., Asst. Gen. Car Insp.
1527a, 1607a—Hughes, A. M., Traf. Mgr.
549—Hughes, B., Asst. Eng.
24—Hughes, C. Z., Pur. Agt.
1368—Hughes, D. C., Traf. Mgr.
233—Hughes, D. G., Pur. Agt.
356—Hughes, E., Car Arct.
472—Hughes, E. H., Gen. Str. Kpr.
1833a—Hughes, E. R., Comr.
835—Hughes, E. S., Pres. & Gen. Mgr.
1065b—Hughes, E. S., Traf. Mgr.
278a—Hughes, F. J., Pres., Treas. & Gen. Mgr.
891—Hughes, F. W., Frt. Clm. Agt.
847—Hughes, G. C., Gen. For.
33b—Hughes, G. L., Gen. Mgr.
1015a—Hughes, H. P., Aud. & G. F. & P. A.
137b—Hughes, H. W., Car For.
771—Hughes, J. E., Supt.
139b—Hughes, J. H., Supt.
716—Hughes, J. M., Land Comr.
139—Hughes, J. W., Elec. Eng.
47—Hughes, J. W., Rd. Mast.
428—Hughes, L. B., Gen. For. Loco. Dept.
207—Hughes, L. J., Spec. Eng.
195a—Hughes, M. C., Asst. Div. Supt.
415—Hughes, P., Aud.
204a—Hughes, P. H., Trav. Eng.
382—Hughes, R., Dist. Rd. Mast.
72—Hughes, W. D., Supt.
1659—Hughes, W. D., Traf. Mgr.
204a—Hughes, W. J., Div. M. M.
123—Hughes, W. M., Str. Kpr.
207—Hughes, W. T., Gen. Atty.
274—Hughey, G. D., Supt.
432—Hughey, J. B., Supt. Sl. & Parlor Cars.
186—Hughitt, M., Chman.
137a—Hughson, G. M., Car For.
137b—Hugill, E. W., Str. Kpr.
14, 14a—Hugill, W. M., Supt. Car. Serv.
1572—Huhn, H. G., Traf. Mgr.
229a—Hukill, E. L., Traf. Mgr.
349—Hulen, J. A., Traf. Mgr.
986a—Hulen, J. A., Recr. & Pur. Agt.
322—Hull, H. H., Gen. Atty.
186—Hull, J. H., Asst. Div. Supt.
395—Hull, K. S., Div. Supt.
930—Hull, M. L., Rd. For. & Eng.
472—Hull, R. C., Str. Kpr.
383—Hull, S. A., 2 V.-Pres.
693a—Hull, S. P., Sig. Supvr.
176—Hull, W. C., Asst. to V.-Pres.
931b—Hullett, F., Supt. Shops & Equip.
539, 751, 1835—Hulme, T. W., Gen. R. E. Agt., V.-Pres., V.-Chman.
1426a—Hulsey, B. B., Mgr.
1001a—Hulsizer, W. H., Value. Off.
204a—Hultgren, A. C., Asst. G. F. A.
58—Hum, Jr., D., Ind. Survey Agt
482—Humble, G. M., Ch. Eng.
751a—Humble, G. W., Rd. For. Eng
32a, 426a, 546a, 573—Humble, R. F., Gen. Aud.
437b—Humburg, J. F., V.-Pres.
615—Hume, G. A., Sec.
439—Hume, J. C., Gen. Clm. Agt.
716—Humes, H. A., Div. Str. Kpr.
751a—Humes, F. W. B., Supt. Sta. & Transf.
396a—Humm, W. C., Gen. Supt.
808—Hummel, G. B., Str. Kpr.
137—Hummel, L. V., Asst. to Pres.
239—Humphlett, W. R., M. M.
481, 927—Humphrey, A. P., V.-Pres., Consult. Coun.
229d—Humphrey, E. A., Sec.
61b—Humphrey, E. O., Eng. M. W & Rd. Mast.
481—Humphrey, E. P., Gen. Coun.
62—Humphrey, G. W., Asst. G. F. A.
774—Humphrey, H. H., Car Acct.
139d—Humphrey, H. J., Gen. Supt.
628a—Humphrey, T., Rd. Mast.
266—Humphrey, T. F., Coun. for Recr.
139b—Humphrey, W. F., Pres.
964—Humphrey, W. G., Supt. Frt. Loss & Damage Clms.
166, 1918a—Humphrey, W. L., Supt. C. S., V.-Pres.
229—Humphreys, E. A., Res. Eng.
927b—Humphreys, W., Asst. G. F. A.
176—Humphries, F. M., Insp. Water Supply.
342—Humphries, F. W., Trk. Supvr.
439—Humrichouse, J. W., Aud.
186—Hunciker, J., Gen. For. Brdg. Erec.
195—Huneke, W. F., Str. Kpr.
437c—Hungate, J. W., Elec. Supt.
207—Hungerford, E. D., Div. Supt

927a–Hungerford, H. L., Supt.
1598–Hungerford, L. S., V.-Pres. & Gen. Mgr.
137, 137a–Hungerford, S. J., V.-Pres.
207–Hunker, W. L., Dist. Str. Kpr
229–Hunley, J. B., Eng. Brdgs. & Struct.
628a–Hunnicut, W. L., Rd. For. Eng.
629–Hunot, A., Asst. Eng.
804a–Hunt, A. C., Sec.
47–Hunt, A. F., Asst. Str. Kpr.
600–Hunt, C. A., Ch. Tariff Bur.
1467a–Hunt, C. D., Traf. Mgr.
751–Hunt, E. B., Supt. Relief & Pen. Dept.
886–Hunt, E. H., Rd. Mast. & Supvr. Trk. & Struct.
786, 1060c–Hunt, F. D., Traf. Mgr., Pres. & Gen. Mgr.
693a–Hunt, F. S., Div. Eng.
599b–Hunt, G. B., G. F. & P. A.
40c–Hunt, G. E., Asst. Aud.
198–Hunt, G. H., Frt. Clm. Agt.
207–Hunt, H. H., Asst. G. P. A.
931a–Hunt, J. C., Supvr. B. & B.
708–Hunt, J. S., Gen. Mgr.
886–Hunt, R., Mech. Eng.
342–Hunt, R. B., Mech. Eng.
1584a–Hunt, R. D., Traf. Mgr.
40c–Hunt, R. W., Fuel Supvr.
708–Hunt, S. S., V.-Pres.
936a–Hunt, T. J., Rd. Mast.
279–Hunt, T. P., Rd. Mast.
40a–Hunt, W. C., Gen. Trav. Str. Kpr.
983–Hunter, A. D., Aud.
751c–Hunter, A. W., Supvr. Tel. & Sig.
186–Hunter, E., Eng. Hse. For.
964–Hunter, G. D., G. P. A.
234–Hunter, G. S., M. M.
40a–Hunter, H. L., Off. Eng.
808–Hunter, H. S., Div. M. M.
1468–Hunter, J. A., Traf. Mgr.
1321–Hunter, J. H., Gen. Supt.
82–Hunter, J. M., Supvr.
195–Hunter, J. R., Str. Kpr.
927a–Hunter, J. W., Asst. G. F. Agt.
751b–Hunter, M. F., Mast. Carp.
751a–Hunter, N. V., Supvr.
195–Hunter, P., Asst. Pur. Agt.
176–Hunter, R. M., Aud.
139–Hunter, R. S., Supt.
72–Hunter, Jr., T. H., Sec.
137a–Hunter, W. C., Insp. Air Brks. & Car Heat Equip.
549–Hunter, W. E., Div. M. M.
372–Hunter, W. O., Supt.
59–Huntington, F. B., Gen. Aud.
716–Huntington, F. C., Div. Sup
1704–Huntington, G. K., Treas.
128–Huntington, H. E., G. P. A.
1040–Huntington, T. W., Ch. Surg
757–Huntley, A. P., Loco. For.
1001–Huntley, R. L., Ch. Eng.
1859–Huntley, S. S., V.-Pres.
1060c–Huntley, W. A., Treas.
176–Huntley, W. P., Gen. For.
815–Hunton, Jr., E., Pres.
563–Hunton, W. G., Ind. Agt.
194–Huntoon, L. L., Pur. Agt.
1021–Huntsman, F. C., Div. Eng.
1021–Huntsman, H. N., Div. Eng.
629, 964–Huntsman, O. B., V.-Pres., Asst. Sec. & Asst. Treas., V.-Pres.
428–Hurd, G. R., Supt. Fire Protection.
716–Hurd, J. L., Asst. Gen. Supt. Trans.
927a–Hurd, R. E., Term. Supt.
139–Hurkett, S. C., Asst. For. Frt. Agt.
752–Hurlburt, C., V.-Pres.
195b–Hurlbut, R., Rd. Mast.
886–Hurley, G. L., Div. Supt.
1021, 1927–Hurley, J. B., Gen. Rd. For. Eng. & Fuel Supvr., 1 V.-Pres.
648a–Hurley, J. C., Pres.
58b–Hurley, J. J., Gen. For. Loco. Dept.
389–Hurley, J. M., Supt. Shops.
716–Hurley, J. M., Div. Rd. Mast.
58–Hurley, P. O., Agri. Agt.
696–Hurlihe, P. J., Trk. Supvr.
606–Hurning, H. H., Ch. Eng.
123–Hursh, P. S., Supvr. Boilers
984–Hurst, A. A., Sig. Supvr.
751–Hurst, H., Asst. to Treas.
5, 751–Hurst, J., Aud., Asst. Compt.
555–Hurst, J. H., Sec., Aud. & Asst. G. F. A.
696–Hurst, W., Shop & Tool Spec.
205–Hurst, W. C., Pres. & Gen. Mgr.
705–Hurt, W. S., Asst. Treas.
1925b–Husbands, H. C., Sec.
705–Huse, W. A., Asst G. F. A.
472–Husoa, R. T., Rd. Mast.
96–Hussey, F. A., Div. M. M.
1815–Hussey, L. T., Chman.
1001d–Hussey, W. C., Gen. Clm. Agt.
275–Hustis, G. E., Compt.
1850–Hustis, J. H., Dir.
693–Hustis, Jr., J. H., Supt. Property Prot.
751b–Huston, F. T., M. M.
930–Huston, J. L., Rd. Mast.
927–Hutchens, H. E., Gen. Insp. Pass. Trans.
1961–Hutcherson, R., Traf. Mgr.
726–Hutchings, J. W. S., Treas. & Gen. Supt.
934–Hutchins, G., Gen. Str. Kpr
566–Hutchinson, J., Pres.
751c–Hutchinson, Jr, J. B., Asst. to Gen. Mgr.
240–Hutchinson, N. V., G. F. & P. A.
137c–Hutchinson, P. W., Rd. Mast.
355a–Hutchinson, R. L., V.-Pres.
600–Hutchinson, W., R. E. & Tax Agt.
176–Hutchinson, W. A., Asst. Supvr. B. & B.
624–Hutchison, J., Sec. & Asst. Gen. Mgr.
847–Hutchison, J. A., Asst. Supt.
137–Hutchison, J. A., Ch. Med. Off.
1889–Hutchison, J. B., Sec. & Treas.
739b, 847–Hutchison, J. E., V.-Pres.
824–Hutchison, S. M., Comr.
350–Hutchison, W. S., Aud.
860–Hutson, T. M., Asst. Supt.
927–Hutson, W. C., Div. Str. Kpr.
204c–Huttleston, C., Elec. Eng.
40b–Hutton, H. L., Sig. Supvr.
847–Hutton, W., Rnd. Hse. For.
549–Hutton, W. T., Asst. Supvr. B. & B.
204c–Hyatt, J. S., Eng. M. W.
629–Hyatt, L. E., Supvr. Water Serv.
629–Hyatt, L. V., Supvr. Matl. Standardization.
1021–Hyatt, T. G., Supvr. Sig.
182–Hyde, C. W., M. M.
695b–Hyde, L. L., G. F. & P. A.
207–Hyde, R. C., M. M.
405–Hyer, P. E., Supt.
981–Hyland, C., Mech. Supt.
751a–Hyland, C. S., Supvr.
526–Hyland, W. V., Gen. Mgr
137b–Hyman, T. M., Asst. Gen. Supt. Car Equip.
1031a–Hyndman, N. F. G. F. & P. A.
204a–Hynes, M. L., Gen. Car For.
218a–Hynes, M. V., Gen. Supt.
681–Hynes, T. A., Pres.
137c–Hyslop, S. C., Str. Kpr.

I

58b–Iams, A. A., Div. Supt.
1007–Ibarra, P. M., Pur. Agt.
600–Ibsen, H., Spec. Brdg. Eng.
195b–Ibson, A., Rd. Mast.
520–Iceman, J. B., M. M.
751a–Igo, F., Rd. For. Eng.
531–Ijams, W. E., Car Acct.
234–Iliff, C. R., Frt. Clm. Agt.
1001b–Illingsworth, W. C., Rd. For. Eng.
382–Imholt, H. F., Mast. Carp.
1038–Imrie, R. C., Aud.
40b–Imroth, C. H., Rd. Mast.
886–Inabinet, J. V., Mast. Carp.
1824–Ing, A., Comr.
693–Ingalls, A. S., Asst. V.-Pres.
629–Ingalls, E. C., Div. Str. Kpr.
229, 600, 692x, 771. 1850c–Ingalls, G. H., V.-Pres., Chman.
1562b–Ingalls, J. K., Pres.
1573–Ingalls, Jr., W. W., Traf. Mgr.
751–Ingamells, W. Q., Asst. G. B. A.
632–Inge, F. M., Ch. Surg.
608–Ingersoll, C. E., Pres.
608–Ingersoll, C. J., Asst. to Pres.
150–Ingersoll, C. O., Pur. Agt.
1850a–Ingersoll, G. B., 2 V.-Chman.
229, 600, 692x, 771–Ingersoll, H. L., Asst. to Pres.
624–Ingham, S. K., Gen. Mgr.
129, 624–Ingham, W. F., Gen. Mgr., Pres.
322a–Ingling, J. E., Supt. Frt. Serv.
1001b–Ingling, W. J., M. M.
204a–Ingraham, W. F., Div. Supt.
1849f–Ingram, A. B., Vice-Chman.
1830–Ingram, H. M., Exec. Officer
475–Ingram, M. D., Supt. Mchy
693a–Ingram, R. E., Asst. M. M.
137a–Ingram, W. N., M. M.
1646c–Ingram, W. R., Traf. Mgr.

597, 1015—Ingram, W.T., V.-Pres., & Gen. Mgr., Consit. Eng.
139—Ingrams, H. S., Supt. Tel.
771—Inks, S.W. Gen. For. Loco. Dept.
47—Inman, A. N., Str. Kpr.
79, 191—Inman, C. A., R. E. & Ind. Agt., Land & Tax Agt.
137b—Innessee, R. A., Asst. Loco. For.
194—Insull, S., Chman.
194—Insull, Jr., S., V.-Pres.
693b—Inwood, T. G., Supvr. Sig.
315—'pock, J. P., Gen. Mgr.
628b—Irby, W. S., Supvr. B. & B.
200—Ireland, E. E., Tr. Cont. Insp.
1020c—Ireland, J. D., Str. Kpr.
1001c—Irish, J. L., Gen. Str. Kpr.
699—Irland, F. W., Asst. Sec.
139b—Ironside, A. J., Asst. Supt. & Div. M. M.
61b—Irvine, A. B., V.-Pres. & Gen. Coun.
879—Irvine, J., Pres.
882a—Irvine, J., Treas.
139c—Irvine, J. A., Div. Eng.
652—Irvine, J. S., Sec.
549—Irvine, S., Supvr.
751a—Irving, E., Eng. M. W.
1001b—Irving, L., Rd. Mast.
186—Irving, T. J., Div. Eng.
137b—Irving, T. T., Ch. Eng.
475—Irving, W. W., Rd. Mast.
395—Irwin, C. J., Div. Str. Kpr.
986a—Irwin, F. A., Gen. For. Loco. Dept.
139—Irwin, H., Consit. R. of W. Agt.
176—Irwin, I. D., Asst. Supt. Trans.
137c—Irwin, J., Supt.
195b—Irwin, J. B., Supt. Shops.
96—Irwin, J. C., Valua. Eng.
787—Irwin, J. E., M. M.
40c, 1865—Irwin, R., Gen. Clm. Agt., V.-Pres.
545—Irwin, T. H., Rd. Mast.
432a—Irwin, W., Supt. O. L. & S. & Eng. M. W.
40c—Isaacs, H., Asst. G. B. A.
40—Isaacson, F. A., Asst. Mech. Eng.
629—Isard, C. L., Rd. Mast.
123—Iselin, A., V.-Pres.
123—Iselin, E., Sec. & Asst. Treas.
58b—Isenogle, E. B., Str. Kpr.
751b—Ishler, O. A., Supvr. Tel. & Sig.
629—Israel, H. A., Div. Eng.
1007—Iturraldo, J. M., Pres.
176—Ivler, H. A., Trans. Supvr.
935—Ivers, W. J., Car Acct.
1001a—Iverson, G., Rd. Mast.
693a—Iveson, A. E., Gen. For. Loco. Dept.
204a—Ivey, W., Asst. Sig. Supvr.

J

1001a—Jabelman, O., Supt. Shops.
69, 1215—Jack, E. A., Gen. Traf. Mgr.
927a—Jack, Jr., S. B., Eng. Maint.
137b—Jacklin, H., Rd. Mast.
137b—Jacklin, W. M., Rd. Mast.
86a, 673a, 807—Jackling, D. C., Pres., V.-Pres.
1888a—Jackman, E. T., Sec. & Treas.
55b—Jackman, H. E., Mast. Carp.
157—Jacks, L. H., Asst. Supvr. Sig
342—Jackson, A. A., Asst. to V.-Pres.
1852a—Jackson, A. C., Pres.
40b—Jackson, A. N., Sig. Supvr.
176—Jackson, B., Supvr. Trk.
350—Jackson, C. O., Asst. G. F. & P. A.
632—Jackson, C. P., Asst. G. F. A.
204a—Jackson, C. T., Dist. Eng.
931, 931a, 1896—Jackson, E. C., Supvr. Scales., Supvr. Scales & Weigh., Pres.
229—Jackson, E. S., Supt. C. S.
137c—Jackson, F. G., Asst. Supt.
139—Jackson, G. C., Aud.
727b—Jackson, G. H., Supt. & Ch. Eng.
930a—Jackson, G. F., Fiscal Repre.
351—Jackson, G. K., M. M.
137d—Jackson, H. G., Clm. Agt.
681—Jackson, H. J., Asst. Treas. & G. F. & P. A.
28—Jackson, H. W., V.-Pres. & Gen. Mgr.
395a—Jackson, J. A., Asst. Traf. Mgr.
137g—Jackson, J. C., Gen. Str. Kpr.
157—Jackson, J. F., Gen. Agri. Agt
629—Jackson, J. H., Insp. Trans.
171—Jackson, J. M., Sec. & Treas.
428—Jackson, J. M., Supvr.
629—Jackson, J. R., Eng. Tests.
1001a—Jackson, O. S., Supt. M. P. & Machy.
234—Jackson, O. T., Gen. Car For.
137c—Jackson, P., Rd. Mast.
1021—Jackson, R. R., Div. Str. Kpr.
1020d—Jackson, R. T., Supt.
280—Jackson, T., Supt. Car Serv.
716—Jackson, T., Shop Supt.
1487, 1653b—Jackson, V. E., Gen. Mgr., Traf. Mgr.
600—Jackson, W. A., Asst. Supt. Tel.
1850—Jackson, W. J., Com. on Nom
392a—Jackson, W. S., Mech. Supt.
191—Jacob, F. E., Sig. Eng.
1849b—Jacob, M., Sec. Fub. Utility Comm.
757—Jacob, W., Mech. Eng.
522—Jacobs, C. E., Supvr. B. & B.
439, 629—Jacobs, D., Asst. G. F. A.
1082—Jacobs, G., Sec.
1039—Jacobs, M. H., Asst. G. F. A.
958a—Jacobs, T., Rd. Mast.
198—Jacobs, W. H., Gen. Solr.
1892—Jacobson, O. P. B., Comr.
693b—Jacobson, R. B., Gen. For. Eng. Hse.
716—Jacobus, G. H., Div. Supt.
927—Jacoby, C., Asst. Const. Eng.
1702—Jacoby, L. S., Pur. Agt.
549—Jacocks, B. E., Asst. Eng.
306a—Jacques, L. W., M. M.
751b—Jaeger, W., Asst. For. Car Rep.
930—Jaekle, W. M., Asst. Eng. M. W. & Struc.
629—Jaeschke, C. J., Asst. Eng.
298, 619, 933—Jaffray, C. T., Pres.
927—Jager, A. J., Div. Str. Kpr.
579b—Jagger, C. N., Pres.
40a—James, A. J., Gen. For. B. & B.
1001a—James, A. V., M. M.
182—James, B., Supvr.
234, 278a—James, B. F., Sec. & Treas.
322b—James, C., Mech. Supt.
464—James, E. B., Pres. & Compt
613—James, E. E., Aud.
464—James, E. H., Asst. Treas.
275—James, F. T., Gen. For. M. P. Dept.
229—James, G., Asst. Supt. Frt. Trans.
47—James, G. P., G. P. A.
322—James, G. R., Asst. Gen. Atty
835—James, H., Treas.
716—James, Jr., H. C., Asst. to Gen. Supt.
1852a—James, H. C., V.-Pres.
747—James, H. L., V.-Pres. & Gen. Mgr
413—James, I., Frt. Clm. Agt.
195—James, J. C., Gen. Solr.
716—James, J. L., Rd. For. Eng.
693—James, L. C., Gen. L. & T. Agt.
523—James, R. E., Supvr. B. & B.
986a—James, V. C., Asst. to Recr.
917—James, W. A., Ch. Eng.
139—James, W. A., Asst Ch. Eng
186—James, W. H., Gen. For.
464—James, W. R., V.-Pres., Sec., Treas. & G. F. A.
705—James, W. R., Asst. Rd. For. Eng.
959a—James, W. T., Pres.
159—James, W. W., Valua. Eng.
599—Jameson, C. K., Aud.
428—Jamieson, G., For. Paint.
139g—Jamieson, J. L., Supt.
58a—Jamieson, R., Mast. Carp.
1880—Jamison, B. F., V.-Pres.
40b—Jander, A. P., Gen. For.
382—Janes, A. L., Asst. Gen. Coun.
97—Jangro, J. P., Gen. Insp. Car Maint.
1001b—Janke, W. H., Mech. Eng.
428—Jansen, E. W., Elec. Eng.
93—Janssen, A. E., Treas.
629—January, G. B., Asst. Eng.
394a, 547b—Janvier, G., Gen. Atty., Gen. Coun.
58a—Jarres, F. A., Asst. Str. Kpr.
675a—Jarrett, E. E., M. M.
123a—Jarrett, T. K., Rd. Mast.
73a—Jarrott, B., Clm. Agt.
927—Jarvis, G. M., Div. Str. Kpr.
837—Jarvis, G. T., V.-Pres.
808—Jasperson, F., Asst. Ch. Eng.
1817—Jastremski, H., Sec.
670—Jaurequi, J. G., Div. Eng.
670—Jaurequi, P. E., Div. Eng.
47—Jawes, W. F., For. Paint.
990a—Jay, G., Pur. Agt.
988—Jay, H. M., Aud.
218a—Jay, L. B., G. P. A.
97—Jaycock, C. G., Supt. D. C.
931, 931a—Jeans, F. T., Insp. B. & B.
275—Jeckel, J. F., Aud.
693b—Jedele, G. H., Asst. Div. Supt.
927b—Jefferies, H. T., Rd. For. Eng.
930—Jefferis, G. B., Rd. For. Eng.

40a–Jefferis, G.C., Asst. Div. Supt.
808—Jefferis, P. G., Supvr.
156—Jeffers, C. A., Fuel Supvr.
1001a–Jeffers, W. M., Gen. Mgr.
139–Jefferson, C. E., G. F. A.
204—Jefferson, C. S., Gen. Atty.
523—Jefferson, M., M. M.
166—Jeffords, L. S., Supt. & Eng. M. W.
47—Jeffords, W. Q., Gen. Rd. Mast.
204—Jeffrey, F. H., Aud.
382—Jeffrey, H., Car For.
230—Jeffrey, R. H., V.-Pres. & Gen. Mgr.
139b–Jeffrey, S., Rd. Mast.
139—Jeffrey, S. V. T., Pur. Agt.
275—Jeffrey, T., Gen. Insp.
139—Jeffries, G., Frt. Clm. Agt.
927—Jeffries, L. E., V.-Pres. & Gen. Coun.
7a–Jeffries, P. B., Ch. Eng.
139—Jelly, E. M., Div. Eng.
135—Jencks, S. H., Ch. Eng.
382—Jendritza, A., Car For.
982b–Jenifer, F. M., Traf. Mgr. & Asst. Gen. Mgr.
600—Jenkins, C. H., Div. Str. Wpr.
86a, 675a—Jenkins, C. V., Treas., Sec. & Treas.
751b–Jenkins, C. W., Supvr.
693a–Jenkins, E. L., Supvr. B. & B.
139d–Jenkins, F. H., Div. M. M.
137c–Jenkins, F. H., Car For.
964—Jenkins, F. J., Gen. Loco. Insp.
927b–Jenkins, G., Rd. Mast.
137—Jenkins, G. H., Gen. Fuel Agt
275—Jenkins, H. E., Rd. Mast.
716c–Jenkins, H. G., Asst. to Pres. & Gen. Mgr.
157, 1076—Jenkins, H. V., Asst. Treas.
16—Jenkins, J., Sec.
58, 59, 437a—Jenkins, J. B., Valua. Eng.
629—Jenkins, M. W., Str. Kpr.
787—Jenkins, P. K., Gen. For.
323—Jenkins, S. S., Pres., Sec. & Treas.
275—Jenkins, T. R., Str. Kpr.
751b–Jenkins, W. H., Asst. Eng.
229b–Jenkins, Z. O., Sec. & Treas.
1001b–Jenkinson, C. H., Asst. Treas.
382—Jenks, C. O., V.-Pres.
176—Jenks, T. E., Asst. Aud.
705—Jenks, W. J., V.-Pres.
705—Jennelle, C. M., Gen. For.
751c–Jenness, D. H., Rd. For. Eng.
1490b–Jenney, W. H., Supt.
275—Jenney, W. S., V.-Pres. & Gen. Coun.
860, 860a—Jennings, C. H., Supt. Din. Cars.
1018—Jennings, H. B., 1 V.-Pres.
600—Jennings, J. F., Supt. M. P.
771—Jennings, J. R., Supvr.
314—Jennings, J. T. W., Off. Eng.
137b–Jennings, R. B., Div. Eng.
207—Jennings, T. O., Gen. Coal Agt.
440—Jennings, W. H., Supt. Overhead Const.
151a–Jennings, W. P., Traf. Mgr.
63—Jennison, E. W., Eng. M. W. & Struct.
204a–Jenny, P., Asst. Eng.
209, 817—Jensch, C., Compt., Aud.
699a–Jensen, E. C., Treas.
964—Jensen, F., Asst. G. P. A.
207—Jensen, J. L., Rd. Mast.
886—Jensen, J. P., Rud. Hse. For.
652a–Jensen, M., Aud.
382—Jensen, N. A. Car For.
382—Jensen, P., Dist. Rd. Mast.
705—Jensen, T. J., Sig. Insp.
204a–Jenson, L. B., Gen. For. Pass. Dept.
382—Jenstead, O., Car For.
1609a–Jeremiah, W. P., Gen. Mgr.
195b–Jernberg, F., For. Wat. Ser.
693—Jerome, F. C., Asst. G. F. A.
692x–Jerome, F. J., Asst. V.-Pres.
705—Jerome, J. H., Supvr. Sig.
43a–Jerritt, J. E., Gen. Mgr.
637—Jervey, E. T., Aud.
652a–Jervis, W., Traf. Mgr.
705—Jesse, I. V., Aud.
40c–Jessen, L., Asst. Gen. Clm. Agt.
1001c–Jessop, D. H. Ch. Surg.
888—Jeter, E. W., Asst. to Pres.
927a–Jeter, T. L., Tr. Supvr.
705—Jett, G. W., Supt. Tel.
720—Jewell, C. T., Gen. Mgr.
693a–Jewell, F. E., Rd. For. Eng.
751a–Jewens, R. H., Supvr. of Tel. & Sig.
693c–Jex, W. A., Div. M. M.
508—Jirgel, J., Rd. Mast.
468b–Jobes, H. C., Recr.
78—Jodon, V. S., Pres. & Gen. Mgr.
428—Joffray, L. J., Gen. Fuel Insp
1923—Johanson, J. E., Tar. Pub. Agt
751b–John, E. B., Div. Supt.
751a–John, H. A., Supvr.
979a–John, J. B., V.-Pres.
176—Johns, C. W., Cb. Eng.
616—Johns, H., Treas. for Recr.
1206—Johns, H. L., Traf. Mgr.
195a–Johns, J., Rd. Mast.
204a–Johns, J. H., Rd. Mast.
600—Johnson, A., Asst. G. F. A.
284—Johnson, A., Rd. Mast.
275—Johnson, A. A., Trk. Eng.
930—Johnson, A. A., Asst. G. F. A.
322—Johnson, A. B., Land & Tax Agt.
1904—Johnson, A. B., Pres.
186, 209—Johnson, A. C., V.-Pres., V.-Pres. & Gen. Coun.
716—Johnson, A. C., Div. Str. Kpr.
927b–Johnson, A. C., Trk. Supvr.
376—Johnson, A. D., Gen. Mgr., G. F. A. & Pur. Agt.
693b–Johnson, A. E., Gen. For. Car Dept.
32—Johnson, A. J., Pres.
280—Johnson, A. L., Asst. to Gen. Supt.
233—Johnson, A. M., V.-Pres. & Traf. Mgr.
97—Johnson, A. M., Asst. Trk. Supvr.
807a–Johnson, A. S., Pres.
40a–Johnson, A. W., Supvr. Water Serv.
736—Johnson, A. W., Sec., Treas., Asst. Gen. Mgr. & Pur. Agt.
204b–Johnson, B. C., Rd. Mast.
382—Johnson, B. L., Gen. Mast. Carp.
1452—Johnson, B. M., Traf. Mgr.
716—Johnson, B. O., Asst. to V.-Pres.
716—Johnson, B. P., Gen. M. M.
1881—Johnson, B. S., Sec.
777—Johnson, B. W., Sec.
40c–Johnson, C., Rd. Mast.
139f–Johnson, C., Rd. Mast.
382—Johnson, C., Dist. Rd. Mast.
279—Johnson, C., Rd. Mast.
1001c–Johnson, C. B., Sig. Supvr.
137a–Johnson, C. C., Rd. Mast.
279—Johnson, C. D., Div. Eng.
322b–Johnson, C. G., Supt. Sta. Serv.
705—Johnson, C. H., Asst. G. P. A.
63—Johnson, C. H., Supt.
135, 1047—Johnson, C. M., Sec.
693b–Johnson, C. M., Asst. Supvr. Sig.
176—Johnson, C. S., Chemist.
1021—Johnson, C. S., Brdg. Eng.
931—Johnson, C. W., Rnd. Hse. For.
137—Johnson, D. M., West. Mgr.
1801a–Johnson, D. R., Rate Expert.
382—Johnson, E., Mast. Carp.
139h–Johnson, E., Rd. Mast.
298—Johnson, E., Rd. Mast.
718c–Johnson, E., Clms. Atty.
563—Johnson, E. A., Supt. B. & B.
808—Johnson, E. B., Sig. Insp.
523—Johnson, E. C., Supvr. Sig.
737f–Johnson, E. C., Ch. Eng.
724—Johnson, E. E., M. M.
204a–Johnson, E. H., Asst. Eng.
570—Johnson, E. H., Gen. Coun.
716—Johnson, E. J., Aud.
692x–Johnson, E. L., Asst. Eng. Tests.
886—Johnson, F., Gen. Coun.
428—Johnson, F., Supvr.
678a–Johnson, F., Asst. Sec. & Treas
927b–Johnson, F., Supt. M. P.
749—Johnson, F., Supt. & Pur. Agt
58—Johnson, F. E., Asst. Gen. Str. Kpr.
751a–Johnson, F. G., For. Car Shops.
204—Johnson, F. H., Asst. to Recr.
195—Johnson, F. L., Asst. to V. Pres.
87, 395a—Johnson, F. N., Aud.
629—Johnson, F. P., Gen. Aud.
472—Johnson, F. R., Str. Kpr.
137c–Johnson, G., Loco. For.
139f–Johnson, G., Rd. Mast.
619—Johnson, G. A., Rd. Mast.
751c–Johnson, G. A., For. Car Rep.
195b–Johnson, G. E., M. M.
40c–Johnson, G. E., Div. For.
279—Johnson, G. E., Asst. to Gen. Mgr.
382—Johnson, G. G., Asst. Sig. Supvr.
198—Johnson, G. H., Car For.
176—Johnson, G. J., Supvr. Trk.
696—Johnson, G. T., Asst. Elec. Eng.
275—Johnson, H., Rnd. Hse. For.

294—Johnson, H., Pres., V.-Pres., Aud. & G. F. & P. A.
947—Johnson, H., Ch. Eng.
34, 278a—Johnson, H. A., Traf. Mgr.
204c-Johnson, H. A., Supt. Shops & Equip.
930-Johnson, H. B., Asst. Cont.
307a-Johnson, H. B., Sec. & Gen. Mgr.
751c-Johnson, H. C., Div. Eng.
176—Johnson, H. E., Supvr. Sig.
526—Johnson, H. M., Aud.
137c-Johnson, H. W., Dist. Eng.
616—Johnson, H. W., Supt. M.P. & R. S.
847—Johnson, H. W., Car Acct.
157—Johnson, H. W., Asst. Gen. Coun.
195, 737b—Johnson, H. W., Compt., Gen. Aud.
366, 368—Johnson, I. C., Aud.
275—Johnson, I. K., Gen. Elec. Sig. Insp.
347—Johnson, I. L., Rnd. Hse. For.
606—Johnson, J., Aud.
1511—Johnson, J., Sec.
751c—Johnson, J., Supvr.
693a—Johnson, J., Supvr. Track.
628a, 628b—Johnson, J. A., Sig. Eng.
927b—Johnson, J. A., Supvr. B. & B
41—Johnson, J. A., Rd. Mast.
55—Johnson, J. C., Supt. Trans.
751—Johnson, J. C., Gen. Supt. Tel
842a—Johnson, J. E., Pur. Agt.
757—Johnson, J. E., Div. Eng.
137b—Johnson, J. H., Supt. B. & B.
927b—Johnson, J. H., Supvr. B. & B.
716—Johnson, J. H., Asst. Div. Supt.
751b—Johnson, J. H., Mast. Carp.
927a—Johnson, J. O., Supt. Car Shops.
930—Johnson, Jr., J. O., Rd. Mast.
137c—Johnson, J. P., Supt.
186—Johnson, J. W., Rd. Mast.
927b—Johnson, J. W. Supvr. B. & B.
207—Johnson, J. W., Gen. For. Loco. Dept.
666—Johnson, K. J., For. Paint.
374—Johnson, L. B., G. F. & P. A. & Supt.
382—Johnson, L. C., Loco. For.
629—Johnson, L. W., Rd. Mast.
428, 1860—Johnson, M., Asst. Eng., 3 V.-Pres.
693b—Johnson, M. C., Str. Kpr.
545—Johnson, N., Supt.
198—Johnson, N., Brdg. Supvr.
1021—Johnson, N., Valua. Eng.
927b—Johnson, N. B., Supvr. B. & B.
204b—Johnson, O. A., Rd. Mast.
616—Johnson, O. F., Insp. Trans. & Safety Supvr.
523—Johnson, O. F., Frt. Traf. Mgr.
964—Johnson, P., Dist. Rd. Mast.
218a—Johnson, P. H., Asst. Eng.
137c-Johnson, R., Rd. Mast.
428—Johnson, R. B., Supvr.
1598—Johnson, R. C., Dist. Supt.
176—Johnson, R. K., Supvr. Sig.
176—Johnson, R. N., Supvr. Water Supply.
808—Johnson, R. R., Asst. Supvr. Rates.
837—Johnson, R. W., Supvr. Trk.
204a-Johnson, R. W., Asst. Eng.
520—Johnson, S. B., Clms. Atty.
964—Johnson, S. D., Supt. Din. Car Serv.
927a-Johnson, S. D., Supvr. B. & B.
194—Johnson, S. E. Supt. Sub. Sta. & Lines.
616—Johnson, S. J., Supvr. B. & B.
58a-Johnson, S. S., Supvr. Rd.
157—Johnson, T. A., Elec. Eng.
275—Johnson, T. L., Supvr. Sig
275—Johnson, V. E., Trav. Str. Kpr.
204a-Johnson, W., Trav. Eng.
365—Johnson, W. A., Supvr. Constr.
385—Johnson, W. B., Gen. Supt.
186, 209—Johnson, W. C., Frt. Clm. Agt.
140a-Johnson, Jr., W. H., Gen. Mgr.
751c-Johnson, W. H., G. F. A.
705—Johnson, W. H., Supt. Term.
1653—Johnson, W. I., Traf. Mgr.
619—Johnson, W. J., Rd. Mast.
82—Johnson, W. M., Gen. Supt.
1513—Johnson, W. P., Traf. Mgr.
1067—Johnson, W. T., Supt. M.P.
132a-Johnsrud, J. A., Gen. Mgr
596a-Johnston, B. F., Pres.
472, 962—Johnston, C. E., V.-Pres. & Gen. Mgr., 3 V.-Pres.
139e-Johnston, C. H., Rd. Mast.
195b-Johnston, C. N., Rd. Mast.
137—Johnston, C. W., Pass. Traf. Mgr.
751c-Johnston, D. B., Div. Eng.
345—Johnston, F. M., Sec., Treas. & Aud.
549—Johnston, G. E., Asst. Eng.
367—Johnston Sr., G. S., V.-Pres.
504a-Johnston, H. M., Treas. & Aud.
137a-Johnston, J. A., Rnd. Hse. For.
207—Johnston, J. E., For. Paint Shop.
930—Johnston, J. E., Rd. Mast.
88b-Johnston, J. F., V.-Pres. & Gen. Mgr.
751a-Johnston, J. K., Div. Supt.
774—Johnston, J. K., Pres.
628a-Johnston, J. M., Fuel Agt.
930—Johnston, J. R., Rd. For. Eng.
751—Johnston, J. T., Frt. Traf. Mgr.
632—Johnston, J. V., Div. Eng.
137—Johnston, J. W., Ch. Insp. Car Lgt. & Head Lgt. Equip
137a-Johnston, J. W., Supt. Ferries
628b-Johnston, L. A., Str. Kpr.
204a-Johnston, L. T., Div. Supt.
777—Johnston, M. E., Treas.
137b-Johnston, R. C., Supt. Term.
927a-Johnston, R. H., Trk. Supvr.
1873a-Johnston, R. H., Librarian.
626, 627b-Johnston, V. M., Aud.
757—Johnston, W., Loco. For.
1001d, 1876a—Johnston, W. A., Gen. Car For., V.-Pres.
58b-Johnston, W. D., Dist. M. M.
176—Johnston, W. F. Rd. For. Eng.
240—Johnston, W. G., Car Acct.
437c-Johnston, W. P., Asst. Gen. Mgr.
629—Johnston, W. W., Div. Str. Kpr.
786—Johnstone, A. J., Aud.
580—Johnstone, J. G., Acct.
611a-Johnstone, M. S., Pur. Agt.
1001a—Jolley, R. M., Div. Eng.
847—Jonah, F. G., Ch. Eng.
1001a-Jonas, A. F., Ch. Surg.
200—Jonas, E., Str. Kpr.
275—Jonas, P. D., Stat.
186—Jones, A. B., Local Treas.
440—Jones, A. D., Gen. Aud.
198—Jones, A. E., Gen. For.
949, 977-Jones, A. F., Gen. Solr.
137b-Jones, A. H., Loco. For.
25—Jones, A. M., Pur. Agt.
693a-Jones, A. R., Div. Eng.
527—Jones, B. J., Pres. & Gen. Mgr
886—Jones, C. C., Rd. Mast.
304—Jones, C. D., V.-Pres.
137b, 137g-Jones, C. E., Fuel Agt.
623b-Jones, C. F., M. M.
927b-Jones, C. F., Sig. Supvr.
812—Jones, C. H., Comr.
425—Jones, C. H., M. M.
204c-Jones, C. H., Elec. Eng.
930—Jones, C. S., Div. Str. Kpr.
40, 40c-Jones, C. W., Asst. Sec. & Asst. Treas.
514a-Jones, D. O., Sec. & Treas.
1805—Jones, D. S., Comr.
123—Jones, D. S., Asst. to Pres.
1039—Jones, E., Asst. to Pur. Agt.
186—Jones, E. C., Rd. Mast.
79—Jones, E. F., M. M.
273a-Jones, E. H., Asst. to Pres. & G. F. & P. A.
96—Jones, F. A., Asst. Supvr. B. & B.
629—Jones, F. A., Div. Eng.
1283—Jones, F. D., Traf. Mgr.
860, 860a—Jones, F. H., G. B. A.
40b-Jones, F. R., Rd. For. Eng.
439—Jones, G. A., Gen. For.
47—Jones, G. C., Div. Rd. For. Eng.
194—Jones, G. R., Sec. & Treas.
693a-Jones, G. R., Dist. Str. Kpr.
661b-Jones, G. W., Ch. Eng.
515—Jones, G. Y., Traf. Mgr.
1009d-Jones, H., M. M.
483—Jones, H. B., V.-Pres. & Gen. Mgr.
1873—Jones, H. E., Asst. Sec.
382—Jones, H. E., Asst. Div. Supt.
596a-Jones, H. F., V.-Pres.
1892—Jones, H. F., Pres.
716—Jones, H. L., Dist. Str. Kpr.
395a-Jones, H. S., Ch. Eng.
751—Jones, H. W., M. M.
349—Jones, J. A., Gen. Clm. Agt
927, 1850a—Jones, J. A., Gen. Supt. Tel., 1 V.-Chman. & T. & T. Sec.
274—Jones, J. A., Gen. Air Brk. Insp.
7c-Jones, J. B., V.-Pres.
751a-Jones, J. D., Supt. Tel. & Sig.
351—Jones, J. H., Car Acct.
886—Jones, J. L., Str. Kpr.

693c-Jones, J. N., Rd. For. Eng.
439—Jones, J. R., Supt.
186—Jones, J. S., Div. M. M.
1021—Jones, J. W., Supt. Term.
927a-Jones, J. W., Rd. Mast.
756a-Jones, L., G. F. A.
7a-Jones, L. A., Pres. & Gen. Mgr.
751a-Jones, L. B., M. M.
40c-Jones, L. B., Aud.
323b-Jones, L. E., Ch. Eng.
629—Jones, L. G., Sig. Supvr.
699b-Jones, L. H., Traf. Mgr. & G. F. A.
204—Jones, L. M., Supt. Sl. & Din. Cars.
705a-Jones, L. M., Pur. Agt.
808—Jones, L. R., Asst. G. F. A.
195b-Jones, L. W., Rd. Mast.
2—Jones, M., Pres.
58a-Jones, M. B., Asst. Div. Eng.
751b-Jones, M. J., Supvr.
808—JonesN., W., Asst. Div. Supt
1243, 1448—Jones, O. C., Gen. Mgr., Traf. Mgr.
438a-Jones, O. J., M. M.
751c-Jones, P., Asst. Supt.
2—Jones, P., V.-Pres., Supt., Car Acct. & Ch. Eng.
931a-Jones, P., Gen. For.
693b-Jones, P. J., Supvr. Frog. & Switch Shop.
845—Jones, P. T., G. F. & P. A.
40c-Jones, R., Asst. Supt.
751c-Jones, R. B., G. B. A.
707—Jones, R. C., Aud.
294—Jones, R. E., Gen. Mech. Insp.
323a-Jones, R. G., Pres.
439—Jones, R. H., Supt.
204b-Jones, R. H., Asst. Eng.
305b-Jones, R. H., Pres.
964—Jones, R. H., Valua. Eng.
137—Jones, R. H., Supt.
927b-Jones, R. J., Supvr. B. & B.
886—Jones, R. P., Asst. to V.-Pres
229c-Jones, R. S., Sig. Insp.
886—Jones, S. H., Rd. Mast.
751a-Jones, S. L., Rd. For. Eng.
207—Jones, S. P., Rd. Mast.
1081—Jones, S. R., Sec.
751a-Jones, T. A., Insp. Sig.
613—Jones, T. D., Pres.
847—Jones, T. F., Div. Rd. Mast.
1021—Jones, T. J., Gen. Supt.
1006b-Jones, T. W., Aud.
686—Jones, V. L., Asst. Mech. Eng.
137c-Jones, W., Car. For.
137b-Jones, W., Boil. Insp.
726d-Jones, W. C., Aud.
693a, 1898—Jones, W. F., Gen. Str. Kpr., Pres.
886—Jones, W. G., Div. Supt.
186—Jones, W. H., Asst. G. F. A
40a-Jones, W. H., Rd. Mast.
40b-Jones, W. H., Sig. Supvr.
629—Jones, W. I., Asst. Frt. Traf. Mgr.
43a-Jones, W. J., Sec. & Treas.
1234—Jones, W. K., Traf. Mgr.
342—Jones, W. M., M. M.
483—Jones, W. M., Pres.
791—Jones, W. S., Treas. & Aud.
686—Jones, W. T., Ch. Mech. Insp
204a-Joost, W., Div. M. M.
555, 970—Jordan, C. A., Asst. Sec. & Compt., Sec. & Aud.
930—Jordan, E. A., For. Paint.
47—Jordan, E. L., Rd. Mast.
1001a-Jordan, G. A., Rd. For. Eng.
550, 951, 1024-Jordan, H. A., Traf. Mgr.
428—Jordan, J., Supvr. B. & B.
275—Jordan, J. J., Str. Kpr.
930—Jordan, J. J., Asst. Supt.
693b-Jordan, S., Supvr. Trk.
88b-Jordan, S. A., Eng. M. W.
693b-Jordan, S. P., Supvr. Tr.
1051—Jordan, T. F., Rd. Mast.
428—Jordan, W. C., Supvr.
1492—Jordon, Jr., W. E., Traf. Mgr
693a-Jordon, W. F., Prin. Asst. Eng.
386—Jorgensen, L. C., Asst. Traf. Mgr.
757—Jorgensen, N., Div. Rd. Mast.
383—Joseph, G. W., Sec.
666—Joslin, D., B. & B. Supvr.
635a-Joubert, F. H., Sec., Treas. & Gen. Mgr.
549—Jouett, E. S., V.-Pres. & Gen Coun.
59—Jouver, H. M., G. F. & P. A.
867—Joyce, A. D., Pres.
322a-Joyce, C. A., Trk. Supvr.
391, 615—Joyce, D. G., Gen. Mgr., V.-Pres.
209—Joyce, G. T., Asst. Gen. Clm. Agt.
391, 615, 986—Joyce, J. S., Pres.
616—Joyce, M. M., Coun. for Recr.
751a-Joyce, R. H., Supvr.
621, 716—Joyce, T. J., Ca Acct.
97—Joyce, T. F., Asst. to Pres.
677a-Joyce, W. F., Ch. Eng. M. W.
497—Joyes, P. P., V.-Pres.
47, 1899a—Joyner, T. J., Gen. Rd. Mast., Sec.
47—Joyner, W. M., Asst. Str. Kpr
186—Jozwiak, V. L., Rd. Mast.
670—Juarez, A., Rd. Mast.
394a-Judd, A. F., Asst. Supt.
428—Judd, F. R., Eng. Bldgs.
629—Judd, O. W., Div. M. M.
186—Judge, J. H., Eng. Hse. For
693b-Judson, C. H., Off. Eng.
204a-Juhnke, W. C., Asst. Supt. Sleep. Cars.
1700—Julier, C. W., Supt. Trans.
322—Julius, E. C., Coal & Coke Agt.
186—Julias, L., Supvr. B. & B
428—Jump, S. C., Rd. Mast.
322c-June, J. G., Div. Supt.
204—Juneau, C. G., M. C. B.
1001a-Jung, A., Gen. Rd. Mast.
275—Junker, A. A., Gen. For. M. P. Dept.
927a-Junker, W. O., Sig. Supvr.
1001a-Jurden, A. R., Div. Eng
1822—Jurgensen, D. F., Eng.
847—Jury, G. H., Asst. Supt.
40a-Jury, W. L., Asst. Shop Supt.
1656a, 1681a-Justesen, J. C., Traf. Mgr.
47—Justice, R. W., Str. Kpr.
927b-Justis, J., For. Paint.

K

186—Kaapke, O. F., Sta. Str. Kpr
439—Kadernoschka, W., Rd. Mast
306b-Kaelble, F. W., Sec.
693a-Kaell, C. A., Asst. Sig. Supvr.
751a-Kagarise, P., For. Car Shops.
347—Kagy, R. H., Sec. & Treas.
632—Kahlmeie, F. W., Rd. Mast.
1001—Kann, O. C., Asst. Sec.
608—Kaighn, C., Ch. Eng.
886—Kaigler, H. O., Div. Eng.
1001a-Kaill, H. G., G. F. A.
1598—Kaine, F. X., List. Supt.
40c-Kallaus, A. R., Div. Str. Kpr
692x-Kallman, W. S., Com. Asst.
716—Kaminski, W. S., Rd. Mast.
1001c-Kamm, A. G., Asst Supt.
682—Kammer, A. C., Sec.
137g-Kanaar, R., Eng. Hse. For.
207—Kanan, D., Rd. Mast.
195a-Kanan, J. R., Rd. Mast.
207—Kanatser, J., Rd. For. Equip.
280—Kane, A. F., Div. Rd. Mast.
657—Kane, E. K., Pres.
394a-Kane, H. H., Asst. M. M.
275—Kane, J., Rnd. Hse. For.
1598—Kane, J. F., Sec.
616—Kane, J. G., Supvr. B. & B.
523—Kane, J. J., Rd. For. Eng.
911—Kane, S. A., Pres.
657—Kane, Z. E., Treas.
274—Kann, R. C., Asst. to V. Pres.
885—Kann, R. C., Asst. Sec.
1845—Kannebeg, A., Comr.
47—Kansinger, J. H., Rd. Mast.
757—Kantlehner, F. J., Loco. For
186—Kappler, F. K., For. Paint.
96—Karcher, C. W., Car Acct.
229—Karibo, J. J., Div. M. M.
382—Karl, F., Car For.
757—Karlson, K. A., Asst. Aud.
1021—Karnes, L. W., Supt.
771—Karnes, W. T., Gen. For. Loco. Rep.
1039—Karper, C. S., Asst. to Supt. M. P.
737f-Karr, F., 2 V.-Pres. & Ch. Coun.
580a-Karr, H. E., Pres.
1001b-Karstad, H. M., Fuel Supvr.
1051—Kaser, H., Frt. Clm. Agt.
207—Kase, P., Supt. Car Dept.
40a-Kaster, J. F., Ch. Surg.
195a-Kastlin, H. G., Div. M. M.
693a, 1850d—Katte, E. B., Ch. Eng. Elec. Tract., Chman., Elec. Sect., V.-Chman. Eng. Sect
808—Kaucher, R. W., Ch. Draft.
751b-Kauffman, D. H., Supvr.
808—Kauffman, H. T., Asst. Rd. For. Eng.
808—Kauffman, I. T., Supvr. Sig.
847—Kaufman, R. G., Gen. For. Car Dept.
2—Kaufman, W. E., Sec. & Treas.
382—Kaufmann, J. H., Aud.
176—Kautter, F., For. Paint.
204a, 284—Kautzsky, R. H., Div. M. M., M. M.
311a-Kavanagh, F. J., Asst. Aud.
176—Kavanagh, J. P., Gen. Str. Kpr.

207—Kay, H. J., Asst. Sig. Supvr.
47—Kay, W. E., Gen. Solr.
58b-Kazmarek, R., Str. Kpr.
751a-Keagy, C. O., Gen. For.
42—Kealhofer, C. B., Frt. Traf. Mgr.
195b-Kean, A. H., Gen. For.
539—Keany, J. F., Gen. Solr.
58a-Kearfott, W. E., Asst. Div. Eng.
705—Kearney, A., Supt. M. P.
695—Kearney, J. J., Frt. Clm. Agt.
58—Kearney, J. R., Asst. to V.-Pres.
6—Kearney, J. W., Rd. For. Eng.
186—Kearney, R., Rd. Mast.
498—Kearney, R. P., Rd. Mast.
382—Kearney, T. M., Loco. For.
675, 867, 879a—Kearns, T., Aud.
1620a-Kearsey, A. B., Traf. Mgr.
198—Kearton, T. H., Gen. Sig. Insp.
696—Keating, N. M., Div. Str. Kpr.
637—Keating, R. B., V.-Pres. & Treas.
186—Keating, W. J., Asst. Div. Supt.
137a—Keating, W. J., Car For.
386a—Keatley, E. M., V.-Pres.
795—Keefe, E. P., Sec. & Traf. Mgr
392—Keefe, J. H., Pres.
693a—Keefe, M. W., Supvr. Trk.
58a—Keefer, M. W., Supvr. Rd.
751b-Keegan, J. E., Gen. Car Insp.
322c-Keegan, J. J., Mast. Carp.
198—Keehan, M. E., Asst. Compt.
600—Keeler, L. E., Rd. Mast.
1701—Keeler, P. A., Treas.
808—Keeler, S. V., Asst. Supvr.
693b-Keeler, W. B., Rd. For. Eng.
1598—Keeley, J., Asst. to Pres.
170—Keemle, R., V.-Pres. & Gen. Mgr.
696—Keen, F. A., B. & B. Supvr.
40b-Keen, W., Rd. Mast.
229, 600, 692x, 693a, 693b—Keenan, E. C., Gen. Supt. Tele.
930—Keenan, F. E., Dist. Rd. For. Eng.
424—Keenan, F. J., G. F. & P. A.
32a-Keenan, J. L., R. E. Tax & Ins. Comr.
751b-Keenan, J. W., Asst. Div. Eng.
329b-Keenan, P. J., Trk. Supvr.
1001d-Keenan, T. J., Aud.
395—Keenan, W. S., G. P. A.
1881—Keene, J. C., 1 V.-Pres.
291—Keenoy, R. P., V.-Pres. & Gen. Supt.
40a-Keers, C. B., Sig. Supvr.
137—Keeson, W. D., Dir. of Insur.
927a-Keever, C. E., M. M.
1006b-Keever, C. S., Supt. Trans.
106—Keever, W. R., V.-Pres. & Gen. Supt.
539—Kefer, G., Pur. Agt.
229—Kegler, W. C., Eng. Trk. & Rdwy.
626—Kehrman, J. F., M. M.
322a-Keigwin, H. A., For. Sig. Maint.
693b-Keil, J. G., For. Paint.
176—Kelley, J. D., Supvr. Trk.
137c-Keillor, S. E., Dist. Str. Kpr.
930—Keim, F. C., M. M.
738—Keim, F. J., Gen. For.
693b-Keirn, L. C., Asst. Supvr. Sig.
751a-Keiser, C. B., Supt. M. P.
330—Keiser, R. D., Aud., Sec., Treas. & G. F. A.
927a-Keister, O. B., Gen. Supt.
671—Keith, C. S., Pres.
195—Keith, F. C., Asst. Aud.
319—Keith, J. D., Pres.
40d-Keith, M. C., Pres.
1001b-Kelker, J. J., Supt. Shops.
1001c-Kelker, L. C., Gen. Loco. For.
229d, 1057a—Kell, F., Pres., Pres. & Gen. Mgr.
137b-Kell, G. A., Safety Eng.
229d-Kell, J. A., V.-Pres.
536—Kellam, G. P., Rd. Mast.
58b-Kellar, R. M., Gen. For. Loco. Dept.
498—Kelleher, J. J., Gen. For. Car Dept.
7a-Kelleher, W. J., Asst. to Pres. & Pur. Agt.
392—Keller, C. F., Coal Frt. Agt.
549—Keller, D., Supvr.
930—Keller, J., Asst. M. M.
523—Keller, J., Supt. Fuel Dept.
150a-Keller, J. A., V.-Pres.
270—Keller, J. F., Aud.
958a-Keller, L., Rd. Mast.
58a-Keller, S. B., Sig. Supvr.
549—Keller, T., Supvr.
847—Keller, W. H., Gen. For.
693—Keller, W. J., Asst. G. F. A.
849—Kellet, W. B., Frt. Clm. Agt.
40a-Kelley, C., Rd. Mast.
207—Kelley, C., Rd. Mast.
127—Kelley, C. F., Pres.
1838—Kelley, D. L., Rate Expert.
933a-Kelley, E. F., Mast. Carp.
229—Kelley, E. M., Div. Supt.
40a-Kelley, F. M., Rd. Mast.
901—Kelley, G. A., Pres.
191—Kelley, G. M., Sig. Supvr.
931a-Kelley, H. F., Asst. Supt.
979—Kelley, H. O., Gen. Mgr.
1911—Kelley, J. B., 1 V.-Pres.
693a-Kelley, J. H., Supvr. Trk.
549—Kelley, J. J., Supvr.
1057—Kelley, J. M., Gen. Atty.
322a-Kelley, S. J., M. M.
428—Kelley, W. C., Supvr. Auto. Tr. Con.
123—Kelley, W. E., Ch. Disp.
901—Kelley, W. W., Treas.
1001c-Kelling, A., Asst. G. F. A.
815—Kellogg, D. K., Treas.
186—Kellogg, J. D., Rd. For. Eng.
478—Kellogg, L., Aud.
204b-Kellogg, O. P., Asst. G. F. A.
229—Kellogg, W. R., Asst. R. E. Agt.
288b-Kellogg, W. Y., Pres.
628a, 628b-Kellond, W. A., G. B. A.
47—Kelloway, C. J., Supt. Sig.
886—Kelly, A. J., Supvr. Yd. & Term. Oper.
229—Kelly, A. J., Supvr. Sig.
322a-Kelly, A. M., Supt., Pass. & Sub. Serv.
523—Kelly, C. H., Dist. Str. Kpr.
345—Kelly, C. M., Supt.
1895—Kelly, C. W., Sec. & Treas.
204a-Kelly, D. W., Supt. Term.
207—Kelly, E. P., Asst. to Gen. Mgr.
1005—Kelly, F. C., M. M.
964—Kelly, F. S., M. M.
1598—Kelly, G. A., Gen. Solr.
771—Kelly, H. B., Gen. Rd. For. Eng.
137b-Kelly, H. J., Car For.
442—Kelly, H. O., Traf. Mgr.
204a-Kelly, J., Rd. Mast.
1001b-Kelly, J. A., Supvr. B. & B.
1001d-Kelly, J. A., Rd. For. Eng.
695c-Kelly, J. B., Supvr. B. & B.
298, 619—Kelly, J. B., Gen. Rd. Mast.
931a-Kelly, J. D., Supvr. B. & B.
137f-Kelly, J. E., Rd. Mast.
629—Kelly, J. M., Asst. Supt.
139f-Kelly, J. P., Div. M. M.
927b-Kelly, Jr., J. R., Eng. Maint.
204—Kelly, J. T., Gen. Str. Kpr.
58b-Kelly, Jr., J. W., Asst. Div. Supt.
705—Kelly, L. L., Brdge Eng.
139c-Kelly, M., Div. Eng.
886—Kelly, M. P., Rd. Mast.
58a-Kelly, O. J., Gen. For. Loco. Dept.
808—Kelly, P. J., Aud.
195—Kelly, R. E., Str. Kpr.
137a-Kelly, R. J., Rnd. Hse. For.
927a-Kelly, S. R., M. M.
127—Kelly, T. D., Str. Kpr.
469, 470—Kelly, T. J., Asst. Gen. Aud.
382—Kelly, W., Gen. Supt. M. P.
195a-Kelly, W. A., Div. M. M.
322a-Kelly, W. L., Trk. Supvr.
751a-Kelly, W. M., Gen. For.
137b-Kelly, W. R., Supt.
40c-Kelly, W. W., Dist. Eng.
1522a-Kels, C. W., Supt.
229a-Kelsay, G. H., Ch. Elec. Eng.
382—Kelsey, F. D., Div. Supt.
666—Kelsey, F. W., Supt.
204a-Kelsey, N. F., Rd. Mast.
179—Kelsey, W. M., Asst. Gen. Mgr.
930—Kelso, J. W., Asst. Div. Str. Kpr.
930—Kelso, W. B., Rd. Mast.
137c-Kelt, J., Str. Kpr.
847—Kelton, S., Asst. Supt.
124a-Kemble, J. M., Sec.
1076c-Kemmerer, J. L., Pres.
764—Kemmerer, K. A., Pres.
751b-Kemmerer, W. G., Supvr.
204a-Kemp, C. E., Rd. Mast.
298—Kemp, F. W., Aud.
927a-Kemp, T. D., Brdg. Insp.
629—Kempe, E. M., Train Control Supvr.
354—Kemper, C. D., Gen. Mgr.
1673b-Kemper, C. M., Traf. Mgr.
632, 927, 1902—Kemper, E. H., Compt., 2 V.-Pres.
469—Kemper, J. M., Asst. to Pres. & Asst. Sec. & Treas.
997—Kemper, K., Aud.
469—Kemper, R. C., Treas.
549—Kemper, R. E., Asst. Div. Supt.
469, 470—Kemper, W. T., Pres.
619—Kempf, F. W., Trav. Eng.

297—Kempton, J. W., Treas.
879a-Kenady, C. D., Supt. Trans.
342—Kenan, Jr., W. R., V.-Pres.
469, 470—Kendall, A. W., Asst. G. F. A.
716—Kendall, F.C., Rd.For.Eng.
629—Kendall, J. L., Supt.
173, 792—Kendall, J. L., Pres., V.-Pres.
173—Kendall, Jr., J. L., V.-Pres.
792—Kendall, J. W., Gen. Mgr.
191—Kendall, R., Supvr. Bldgs.
792—Kendall, S. A., Pres.
792—Kendall, Jr., S.A., V.-Pres.
1850k-Kendall, W. C., Mgr. R. R. Rela. Sect.
123—Kendrick, J. P., Supt. Shops
847—Kengle, H. V., Gen. For. B. & B. & W. S.
563—Kenison, J. B., For.
970—Kenley, D. C., Ch. Eng.
47—Kenly, A. C., Supt. Frt.
47, 1068—Kenly, J. R., Pres., V.-Pres.
616—Kenly, R. G., Ch. Eng.
47—Kenly, W. G., Ch. Tie & Tim. Agt.
462—Kenna, J. N., Gen. Coun.
751—Kennan, E. T., Supt. C. S.
1400—Kenneally, J. G., Traf. Mgr.
204a-Kennedy, C. L., Gen. N. W. Frt. Agt.
209—Kennedy, C.T., Asst. Eng.
866—Kennedy, D., Rd. Mast.
286f-Kennedy, E.B., Aud.
994—Kennedy, F. A., Clm. Agt.
771—Kennedy, F. J., Aud.
394a-Kennedy, G. C., Supt.
751c-Kennedy, G.N., For. Car Rep
623—Kennedy, H. A., V.-Pres.
428—Kennedy, I. P., Trav. Eng.
428—Kennedy, J., Trav. Eng.
930—Kennedy, J., Aud.
556—Kennedy, J., M. M.
279—Kennedy, J., Rd. Mast.
629—Kennedy, J.A.C., Gen. Atty.
1079a-Kennedy, J. B., Pres.
693b-Kennedy, J. B., Supvr. Trk.
198—Kennedy, J. J., A. B. Inst.
705—Kennedy, J. L., Gen. For.
137a-Kennedy, J. M., Rnd. Hse. For.
477—Kennedy, J. M., Sec.
221—Kennedy, J. V., Gen. Supt.
137a-Kennedy, L., Boil. Insp.
1021—Kennedy, L. E., Gen. For. Car Dept.
705a-Kennedy, L. P., Supt.
751—Kennedy, M. C., V.-Pres.
209—Kennedy, R. L., Gen. Solr.
198—Kennedy, S. C., Gen. For.
47—Kennedy, S. G., M. M.
847—Kennedy, S. R., Supt.
616—Kennedy, T., For. Rnd. House.
751a-Kennedy, T. B., Div. Supt.
724—Kennedy, T. O., Gen. Mgr.
428—Kennedy, T. W., Air Brk. Lubri. & S. H. Insp.
632, 1893a—Kennedy, W. E., Forn. Frt. Agt., Pres.
549—Kennedy, W. F., Asst. Compt
751a-Kennedy, W.G., Mast. Carp.
55—Kennedy, W.H., Asst. Treas
58—Kennedy, W.M., Asst. Supt. Rel. Dept.
58a-Kennedy, W. O., Gen. For. Loco. Dept.
322c-Kennedy, W. V., G. F. & P. A.
47—Kenney, A. R., Ch. Tie & Timber Agt.
837—Kenney, G.W., For. Car Rep.
715—Kenney, T. A., V.-Pres.
204a-Kenney, W.C., Div. M.M.
382, 605—Kenney, W. P., V.-Pres. & Dir. Traf., Pres.
393—Kennison, C., M. M.
209—Kenniff, T. J., Asst. G.F.A.
629—Kennon, W. A., Div. Eng.
682—Kenny, J. J., Rd. Mast.
137b-Kenny, J. L., Supvr. Sig.
200—Kent, A. S., Ch. Eng.
580—Kent, C. J., Supt.
394a, 439—Kent, M. B., Asst. Eng. Struct.
657a-Kent, T. T., Treas.
657a-Kent, Jr., W., V.-Pres.
677a-Kent, W. J., Pur. Agt.
546—Kent, W. M., Supt.
137—Kenward, E., Gen. Plant Supt.
314—Kenzel, C. H., Pur. Agt.
865—Kenworthy, J. E., G. P. A.
139—Keough, E., Asst. Eng. M. W.
82, 325b, 1003—Kepler, G.W., Sec. & Treas.
1001c-Keppel, A. P., Sig. Supvr.
808—Keppelman, H. S., Gen. Car Insp.
58a-Kerby, F., Supvr. Loco. Oper.
1001a-Kern, G. W., Gen. For. Loco. Dept.
428—Kern, Jr., J. W., Dist. Eng.
1703—Kernan, F. J., Aud.
195a-Kerner, J. E., Gen. For. Car Rep.
176—Kerns, W. V., Asst. Gen. Brdg. Insp.
271a—Kerr, A. E., 2 V.-Pres. & Gen. Mgr.
58a-Kerr, C. F., Gen. For. Loco. Dept.
382—Kerr, D.J., Asst. to V.-Pres.
716—Kerr, D. W., Rd. For. Eng.
927b-Kerr, G.H., Frt. Traf. Mgr.
697—Kerr, J. B., Pres.
847—Kerr, J. C., Trav. Str. Kpr
549—Kerr, J. G., Asst. to V.-Pres.
137b-Kerr, J. M., M. M.
137b-Kerr, N. M., Rd. For. Eng.
137b-Kerr, O., B. & B. Mast.
1001a-Kerr, O. B., Rd. For. Eng.
847—Kerr, R. H., Stat
666—Kerrigan, J. A., M. M.
1040—Kerrigan, L. J., Clm. Agt.
666—Kerrigan, W. P., Asst. Aud.
61b-Kersch, A. A., M. M.
195b-Kerst, W. C., Rd. Mast.
751c-Kersting, E. H., Asst. Div. Eng.
207—Kerwin, J. M., M. M.
1009c-Kessler, C. C., Rd. Mast.
539—Kessler, E. B., Supt.
931a-Kessler, G. E., Rd. Mast.
771—Kessler, H., Rd. For. Eng.
675—Kessler, W. J., Asst. G.F.A.
270—Kessler, W. M., Supt. Trans.
432—Kester, E. E., Asst. Traf. Mgr.
186—Kester, F. B., Div. M. M.
97—Ketchum, G. C., Sig. Supvr.
884, 886—Ketner, J. H., G. F. A.
40c-Ketring, R. F., Gen. For. Car Dept.
186—Kettenring, W. R., Aud.
847—Kew, C. R., Gen. For.
545—Key, Jr., F. A., Asst. G. F. & P. A.
322—Keyes, M. F., Div. Str. Kpr.
58a-Keys, A. H., Gen. For. Car Dept.
600a-Keys, E. E., Supt.
989a-Keys, J., Pres.
452—Kibling, F. H., Aud.
186—Kickhafer, A.L., Rd. Mast.
1020c-Kidd, C. M., Air Brk. Insp.
1606a-Kidd, E. F., Traf. Mgr.
108—Kidd, G., Pres.
927b-Kidd, G., Trk. Supvr.
927a-Kidd, J. W., Jr. Eng. Maint.
1925—Kidd, W. C., Sec. & Treas.
1001c-Kidder, E. F., Div. Eng.
97—Kidder, G. H., Div. Supt.
927a-Kidwell, W. C., Trk. Supvr.
1311—Kieckebusch, G., Traf. Mgr.
692x-Kiefer, P. W., Ch. Eng. M.P. & R. S.
1039—Kieffer, R. F., Consult. Surg
275—Kielty, J., Rd. Mast.
40c-Kiely, J., Gen. For. Loco. Dept.
516—Kientz, O. L., Supt. Mchy.
822c-Kier, C., Supvr.
6—Kiernan, J. P., Car Serv. Agt.
180—Kies, C., Sig. Supvr.
751—Kiesel, Jr., W. F., Mech. Eng
1061—Kiess, E. R., G. F. & P. A.
886—Kiker, C. C., Rnd. Hse. For.
930—Kilborn, G. H., Rd. For. Eng
106—Kilbreth, J. T., Gen. Solr.
234—Kilburn, I. J., Rd. Mast.
629—Kilbury, C. R., Div. M. M.
137—Kilby, W. H., Ch. Forest Prot.
1040—Kile, H. L., Rd. Mast.
523—Kiley, J., Insp. M. W.
1040—Kilgore, M. H., Rd. Mast.
58b-Kilgore, W. B., Rd. For. Eng.
693b-Kilian, H. L., Supvr. Sig.
629—Kilker, J. E., Shop Eng.
1541b-Killam, W. T., Traf. Mgr.
395—Killen, M. M., Rd. Mast.
927a-Killian, J. A., Eng. M. W.
927a-Killian, J.M., Jr. Eng. Maint.
137b-Killingsworth, J. J., Supvr. Sig.
958a-Killins, R., Rd. Mast.
97—Killkelley, T. J., Str. Kpr.
1074—Kilner, S. E., V.-Pres.
139e-Kilpatrick, J., Rd. Mast.
737g-Kilpatrick, T., Gen. Mgr.
207—Kilty, J. P., Asst. Mgr. Bag., Mail & Exp. Traf.
530—Kimball, A., Asst. Sec.
382—Kimball, D. H., Clms. Atty.
933a-Kimball, J., Trav. Eng.
137c-Kimball, J. W., Supt. Boarding Cars.
58—Kimball, L. P., Eng. Bldgs.
137c-Kimball, S. K., Rd. Mast.
1412—Kimball, W. H., Traf. Mgr.
428—Kimbell, R. E., Aud.

886—Kimble, G. M., Mail & Exp. Traf. Mgr.
322c-Kimble, W. P., Asst. Eng.
434—Kimbrough, C. T., Rd. Mast.
58b-Kimes, J. C., Asst. G. F. A
927a-Kimmel, E., Asst. Arch.
627b-Kimmel, E. L., Asst. Gen. Mgr.
549—Kincaid, C. L., Elec. Eng.
58a-Kincaid, C. R., Str. Kpr.
1001—Kindler, E. M., Asst. Sec.
930—Kinell, N., G. P. A.
1021—King, A. F., Rd. For. Eng.
523—King, A. M., Div. Eng.
716—King, B. C., Asst. Gen. Boiler Insp.
1801a-King, C. F., Asst. Sec.
927a-King, C. P., Supt.
1020c-King, D. C., Pur. Agt.
1001b-King, E. A., Trav. Str. Kpr.
428—King, E. E., Gen. For. Loco. Dept.
930—King, E. L., Div. Supt.
860—King, E. O., Rd. For. Eng.
327a-King, F., Supvr. Trk.
204a-King, F. E., Asst. Eng.
1410a-King, F. J., Traf. Mgr.
204a-King, F. R., Asst. Eng.
930—King, G., Asst. to Pass. Traf. Mgr.
933—King, G. B., Asst. G. F. & P. A.
438, 664, 718c, 930, 930a—King, G. L., V.-Pres., V.-Pres. & Sec., Sec., Asst. Sec., Sec.
186—King, G. S., Div. M. M.
322—King, H. F., Spec. Eng.
195a-King, J., Rd. Mast.
186—King, J. A., Div. Str. Kpr.
599b-King, J. B., Aud. & Car Acct.
176—King, J. E., Gen. Supvr. B. & B
962—King, J. J., V.-Pres.
886—King, J. L., Rd. Mast.
195—King, J. R., Sec. Pen. Bd.
92, 143, 267, 408—King, J. S., Frt. Clm. Agt.
195b-King, J. T., Rd. For.
306e-King, J. T., Pres.
47—King, J. U., Asst. Gen. Str. Kpr.
176—King, J. W., Frt. Clm. Agt.
639a-King, L., V.-Pres.
40—King, L. L., Elec. Eng.
97—King, M., Supvr. Trk.
1051—King, M., Rd. Mast.
930—King, M. I., Rd. For. Eng.
1001c-King, N. V., Rd. Mast.
137c-King, R., Supt.
93—King, R. B., Gen. Mgr.
14—King, R. E., Asst. Compt.
751a-King, S. J., Asst. Supvr. of Tel. & Sig.
137g-King, T., Supt.
927a-King, T. F., Rd. Mast.
549—King, T. H., Supvr. B. & B.
137b-King, T. J., Asst. Eng.
176—King, T. W., Supvr. B. & B.
696—King, W., Frt. Clm. Agt.
886—King, W. A., Rd. For. Eng
1029a-King, W. E., Ch. Eng.
47—King, W. F., Str. Kpr.
298—King, W. G., For. Paint.
886—King, Jr., W. H., Asst. to V.-Pres.
927a-King, W. L., Supt.
693c-King, W. N., Asst. Gen. Atty.
176—King, W. S., Tie & Timb. Agt
930a-Kingsbury, M. J., Supt.
137c-Kingsland, W. A., Gen. Mgr.
1894—Kingsley, D. P., V.-Pres.
619—Kingsley, G. A., Gen. Atty
417—Kingsley, G. H., M. M.
142a-Kingsley, G. H., Traf. Mgr.
139e-Kingston, W. E., Asst. Supt.
563—Kingston, W. E., Asst. Supt
218a-Kinkaid, R. B., G. F. A.
751a-Kinkead, J. M., Div. Eng.
1031c-Kinker, E. H., V.-Pres., Treas. & Gen. Mgr.
182—Kinnaird, L. S., Supt. M. P.
619—Kinnaw, C. E., Rd. Mast.
549—Kinne, A. T., Asst. Eng.
751—Kinnear, C. W., Asst. Gen. Str. Kpr.
137a-Kinnear, F. H., Pur. Agt.
1001b-Kinnersley, T. S., C. S. A.
207—Kinney, F. E., Sig. Supvr.
696—Kinney, F. P., G. F. A.
322a-Kinney, H. T., Div. Supt.
413—Kinney, M. A., Supt. M. P.
693a-Kinney, T., Supvr. Trk.
40c-Kinnie, F. D., Div. Eng.
201, 205a—Kinsella, J. J., Supt. Car Serv.
1862—Kinsey, O. D., 1 V.-Pres.
1598—Kinsey, T. E., Dist. Supt.
139f-Kinshella, L., Mast. B. & B.
58—Kinsman, A. M., Eng. Const.
693a-Kinsman, F., For. Paint.
629—Kinsworthy, E. B., Gen. Atty
636—Kinter, D. H., Gen. For. Car Dept.
808—Kinter, W. L., Gen. Solr.
58a-Kinton, J. C., Asst. Div. Supt.
705—Kinzel, E. P., Rd. Mast.
696—Kinzie, S. A. Div. Eng.
808—Kinzie, W. D., Asst. Div. Supt.
697—Kipp, A., Gen. Car Insp.
1001—Kipp, A. V., Asst. Traf. Mgr.
176—Kipp, W. E., Supvr. Sig.
139a-Kirby, C. C., Dist. Eng.
695b-Kirby, E. S., Div. Supt.
139c-Kirby, G. C., Sig. Supvr.
97—Kirby, G. E., Elec. For.
47—Kirby, J. B., Asst. Treas.
72—Kirby, J. H., Pres.
886—Kirby, J. L., Eng. M. W.
886—Kirby, W. C., Supvr. Yd. & Term.
751c-Kirchner, E. B., Supvr.
207—Kirk, F., Div. Eng.
303—Kirk, H. E., Pres.
209b-Kirk, H. F., Pur. Agt.
666—Kirk, J. C., Asst. G. F. A.
207—Kirk, J. C., Asst. Gen. Str. Kpr.
468—Kirk, V. C., Gen. For.
40a-Kirk, W. E. F., Div. Str. Kpr.
629—Kirk, W. F., Gen. Supt.
1020—Kirk, W. H., Ch. Eng.
7a-Kirk, W. R., Supt.
930—Kirkbride, W. H., Eng. M. W. & S.
204—Kirkby, T. M., Spec. Rep. to Gen. Supt. M. P.
930—Kirkham, R. C., Sta.
40a-Kirkhuff, C., Gen. For.
204b-Kirkland, A. E., Asst. Supt. S. & D. Cars
42—Kirkland, A. W., Supt. M. P.
139b-Kirkland, O., Rd. Mast.
886—Kirkland, W. A., Asst. Rd. For. Eng.
930—Kirkland, W. B., Asst. Div. Supt.
860a-Kirklin, L. C., For. Car Dept
280—Kirkling, W. B., Str. Kpr.
409—Kirkman, O. A., Sec., Treas. & Gen. Mgr.
394a, 420, 439, 547b—Kirkpatrick, C. S., Ch. Eng.
365—Kirkpatrick, D. F., Asst. Traf. Mgr.
137c-Kirkpatrick, J. P., Asst. Supt.
282—Kirkpatrick, J. S., V.-Pres. & Gen. Coun.
757—Kirkpatrick, R. A., Gen. Clm. Agt.
395—Kirkpatrick, S. C., Asst. to Gen. Mgr.
472—Kirkpatrick, V. V., Valua. Eng.
137c-Kirkpatrick, W. A., Supt. Trans.
139—Kirkpatrick, W. M., For. Frt. Traf. Mgr.
503—Kirkwood, M. W., Gen. Mgr.
137b-Kirkwood, W., Rd. For. Eng.
96—Kirley, G. A., Sig. Eng.
751a-Kirsch, J. I., Asst. Supvr. of Tel. & Sig.
695a 695b-Kirsch, W. Supvr. Elec. Appliances.
1001a-Kirsch, W. J., M. M.
1468b, 1566—Kirschke, W. G., Traf. Mgr.
888a-Kirshner, R., Asst. Eng.
342—Kirtland, F. W., Frt. Traf. Mgr.
860—Kiskaddon, A. H., Asst. Gen. Solr.
139e-Kissack, J., Rd. Mast.
229—Kissell, J. E., Div. Eng.
936—Kissick, J. A., V.-Pres.
808—Kissinger, F. H., Asst. Gen. Boiler Insp.
751b-Kistler, S. W., For. Car Shop
927a-Kitchen, H. B., Rd. For. Eng.
86—Kitchen, J. W., Pres.
751c-Kittle, A. W., For. Car. Rep.
751c-Kittle, W., For. Car Rep.
927a-Kittles, E. G., Asst. Eng. Maint.
933a-Kittoe, E. D., Asst. to G. M.
692x, 693a, 1884—Kittredge, G. W., Consult. Valua. Eng., Ch Eng., V.-Pres.
54—Kittrell, F. H., Treas.
705—Kitts, J. W., Asst. Rd. For. Eng.
198—Klaas, E., Sig. Supvr.
437b-Klamp, F., Pres.
739a-Klasner, J. A., Gen. For. B. & B.
659—Klauer, A., Treas.
40a-Klein, F. A., Div. Fuel Supvr.
322b-Klein, H. J., Supt. Trans.
930—Klein, H. W., Asst. G. F. A.
608—Klein, J. W., G. F. & P. A.
1628a-Klein, L. A., Traf. Mgr.
751b-Klein, N. F., For. Car Rep.

322—Klein, T., Div. Str. Kpr.
40a—Kleine, A. L., Rd. Mast.
751—Kleine, R. L., Asst. Ch. M. P.
628a, 628b—Kleinhans, R. M., Car Acct.
599b—Kleinstiver, B., Clm. Atty.
1882a—Kleist, R. A., 2 V.-Pres.
997b—Klick, L., For. Paint.
234—Kline, A., Gen. Car For.
1875—Kline, A., Sec.
751a—Kline, A. J., For. Mach. Shops.
751a—Kline, A. W., For. Mach. Shop.
322b—Kline, A. L., Div. Supt.
751a—Kline, B. W., Asst. M. M.
997—Kline, C. A., Asst. G. P. A.
58a—Kline, J. F., Supvr. Mach. & Tools.
40c—Kline, R. C., Div. Eng.
157—Kline, W. A., Gen. Rd. For. Eng.
677—Klinefeld, R., For. Car Rep.
897—Klinestiver, F. R., Pres., Gen. Mgr. & Pur. Agt.
1557—Klingensmith, W. W., Traf. Mgr.
1001c—Klippel, E. A., Supt. Tel.
322c—Klipper, A. H., M. M.
1001a—Kloke, F., Rd. Mast.
1873a—Kloman, E. K., Treas.
693a—Kloth, E. C., Rd. For. Eng.
394a, 439—Klotz, W. G., Scale Insp., Scale Supvr.
695a—Kluever, E., G. F. A.
395—Kluever, W. H., Gen. For. B. & B.
693a—Klumpp, G. J., Supvr. B. & B.
1598—Knapp, C. S., Eng. Valua.
322a—Knapp, E. R., Clm. Agt.
599—Knapp, E. W., M. M.
322a—Knapp, F. A., Mast. Carp.
1074—Knapp, F. H., G. F. & P. A.
387—Knapp, J. C., Sec. & Treas.
314—Knapp, K. K., Gen. Coun.
322b—Knapp, S. E., Aud.
157—Knapp, W. McN., G. F. A.
575—Knaub, R. H., Pur. Agt.
382—Knebel, R. L., Aud.
629—Knecht, H. D., Div. Eng.
1001d—Knickerbocker, F. H., Gen. Mgr.
198—Knickerbocker, W. S., Rd. For. Eng.
229—Kniery, M. W., Supvr. Trk.
382—Kniffen, R. S., Div. Rd. Mast.
751c—Knight, A. C., Supvr.
743—Knight, A. H., Sec.
42—Knight, B. W., Gen. For.
1090c—Knight, E. W., Gen. Coun.
137c—Knight, F. T., Loco. For.
137a—Knight, G. F., Shop Practice Eng.
927b—Knight, H., Trk. Supvr.
322b—Knight, H., Reg. Eng.
1451b—Knight, H. H., Traf. Mgr.
26b—Knight, J., Coun.
605—Knight, J. L., Aud.
59—Knight, J. S., Prin. Asst. Eng. Constr.
326—Knight, J. W., V.-Pres.
886—Knight, L. L., Gen. Aud.
326—Knight, O. R., Pres.
716—Knight, R. G., Div. Rd. Mast.
96—Knight, W. B., Div. Eng.
1511—Knight, W. B., Traf. Mgr.
69—Knight, W. G., Mech. Supt.
964—Knightlinger, J. W., Div. Supt.
382—Knights, A. E., Div. Supt.
1061—Knipe, H. A., Gen. Supt. & Pur. Agt.
980—Knoche, G. C., Sec.
280—Knodt, A., Pur. Agt.
204—Knoll, E. J., Car Acct.
886—Knott, F. W., Shop Supt.
322—Knowles, A. M., Asst. Eng. Struct.
176—Knowles, C. A., Valua. Eng.
42b—Knowles, C. R., Supt. Wat. Serv.
693a—Knowles, E. F., Asst. Ch. Gen. Insp.
1031d—Knowles, J. B., Sec., Treas. & Aud.
931a—Knowles, J. H., Div. Eng.
1664—Knowles, L. D., Traf. Mgr.
207—Knowles, P., Rd. Mast.
751a—Knowlton, S. J., Supvr. Tel. & Sig.
248—Knox, J. L., Pres.
248—Knox, R. A., Gen. Supt. & G. F. & P. A.
927a—Knox, S. N., Asst. Eng. Maint.
396—Knox, W. F., Recr.
123—Knox, W. J., Mech. Eng.
204a—Knuth, T. B., Asst. Eng.
1910a—Koach, H. A., Asst. to Chman.
599a—Kobler, F., M. M.
751a—Koch, E. L., Supvr.
751—Koch, G. B., Gen. For.
695a—Koch, H. L., Supvr. B. & B.
151—Koch, I. B., Mgr.
58a—Koch, J. B., Mast. Carp.
751b—Koch, J. J., Traf. Mgr.
327b—Koch, W. A., 1 V.-Pres.
274—Koch, W. H., Rd. Mast.
930—Kocher, L., Dist. Supvr.
275—Kocher, R. D., Gen. For. Mot. Pow. Dept.
139f—Koehler, O., Rd. Mast.
139b—Koehn, W. F., B. & B. Mast
693a—Koelsch, C., For. Paint. Loco. Dept.
204a—Koenig, A., Asst. Sig. Supvr.
1357—Koeppe, H. J., Traf. Rep.
562—Koerner, W., V.-Pres. & Gen. Mgr.
1652—Koester, W. C., Traf. Mgr.
195b—Koher, W. S., Rd. Mast.
771—Kohl, H. J., Gen. For. Car Dept.
31—Kohler, A., Supt.
58a—Kohler, L. G., Str. Kpr.
159—Kohler, W., Asst. Treas.
693b—Kohlmeier, E., Str. Kpr.
779—Kohlsaat, J. E. C., Sec.-Treas.
207—Kohn, G. W., Rd. Mast.
552—Kohn, W. J., Pres.
123—Kolb, E. W., Sig. Eng.
198—Koll, F. C., Car For.
1676a—Kolp, C. F., Gen. Mgr.
1071—Kolste, A., Supt. Ry.
1674—Konsberg, A. V., Pres.
395—Koonce, A. L., Rd. Mast.
751—Koons, G. C., Asst. to Ch. Eng.
1274—Koons, R. A., Traf. Mgr.
159—Koons, T. B., V.-Pres.
198—Koontz, A. C., Rnd. Hse. For.
200—Koontz, C., Rd. Mast.
1380—Koontz, F. B., Gen. Supt.
314, 1910b—Koontz, F. L., Sec. & Treas., V.-Pres.
350, 847—Koontz, G. W., Div. Eng.
847—Koontz, J. R., V.-Pres.
1238—Kooser, H. B., Pres. & Gen. Mgr.
85—Kopp, A. A., Gen. Mgr.
58a—Kopp, M. S., Div. Supt.
1648—Kops, W., Traf. Mgr.
195—Kordslemon, W. C., Supt. Emp. Dept.
716—Koren, J. D., Dist. Eng.
275—Koschinske, E. A., Supt. Shops.
842a—Kosters, S. F., Ch. Eng.
600—Kostielney, J., Rd. Mast.
716—Kovar, J., Rd. Mast.
204a—Kovlaska, F., Rd. Mast.
716—Kowol, J., Rd. Mast.
204—Koyl, C. H., Eng. W. Ser.
186—Kraemer, W. A., Asst. Div. Supt.
428—Kraft, F., Asst. Eng.
751—Kraft, W. B., Aud.
229—Kramer, F. W., Div. Sig. Insp.
837—Kramer, S. R., Supt.
930—Kramp, F. C., Div. Str. Kpr.
629—Krampf, L. P. Supply Agt.
616a—Kranhold, A. A., Supt.
1575c—Krauseman, J. E., Traf. Mgr.
186—Kratoska, C., Rd. Mast.
204b—Kratschmer, F. J., Div. Str. Kpr.
195—Krausch, W. T., Eng. Bldgs.
774a—Kraus, J. R., V.-Pres.
229—Krause, Jr., G. G. F. A.
1876a—Krause, J. W., Sec.-Treas.
212a—Krause, R., Sec. & Treas.
821, 879c—Krauser, F. C., Aud. & Pur. Agt., Sec. & Aud.
1022—Krauss, R., G. F. & P. A.
198—Krebs, C. F., Compt.
778—Krebs, J. H., Rd. Mast.
991—Krebs, Y. H., Supt.
279, 1040—Krech, A. W., Ch. of Board.
1051—Kreger, A., Paint. For.
808—Kreider, C. N., Gen. Boiler Insp.
523—Kreidler, A. E., Div. Str. Kpr.
724—Kreilick, A. H., Rd. Mast.
237—Kreitter, J. W., Supt.
1579—Krell, H. G., Traf. Mgr.
549—Kremer, H. C., Asst. G. F. A.
1039—Krener, J. G., Asst. G. P. A.
305b—Kress, R. M., G. F. A.
1001d—Kretlow, H. F., Rd. Mast.
751a, 1873—Krick, C. S., V.-Pres., Member.
931a—Kroeger, S., Rnd. Hse. For.
619—Krogstad, L. B., Rd. Mast.
619—Krogstad, M. I., Rd. Mast
204b—Krona, A. J., Asst. Gen. Str Kpr.
182—Krohn, F. W., Asst. Treas.
204a—Krohn, H. K., Rd. Mast.
623a—Kroll, F. F., G. F. A.
751b—Kron, F. J., Insp. Trans.
275—Kron, J., Gen. For. M. P. Dept

322a–Kronauer, F. C., M.W. Insp.
860, 860a–Krone, W. F., Sta.
382—Kronz, F., Dist. Rd. Mast.
97—Krook, W. L., Asst. M. M.
176—Krout, M. L., Str. Kpr.
204—Kruckstein, W., Aud.
695a, 695b—Krueger, A. J., M. C. B.
629—Krumm, C. W. Div. Str. Kpr.
619—Krumm, T. Z., Prin. Asst. Eng
617a–Krumpleman, W. H., M. M.
204a–Kruschka, E., Gen. For. Frt. Dept.
58b–Kruse, H. G., Div. Supt.
847—Kruse, N. H., Div. Rd. Mast.
31—Kruttschnitt, Jr., J., Pres. & Gen. Mgr.
930—Krutzler, P. M., Rd. Mast.
751b–Krylow, J. E. K., Asst. Supvr. Tel. & Sig.
864—Kube, L. W., Traf. Mgr.
139g–Kubiteek, R., Rd. Mast.
1858c–Kubu, J. S., 2 V.-Pres.
980—Kucher, T. N., Div. M. M.
428—Kuck, C. E., Asst. Sec.
930a–Kuck, F. H., Div. M. M.
472—Kuebler, D. A., Off. Eng.
860—Kueck, E. J., Mech. Eng.
570—Kuehl, C. F., Aud. & G. F. & P. A.
693c–Kuehn, B. F., Asst. Supt. M. P.
166—Kuhlke, W. F., Supt. M. P.
751b–Kuhn, A., For. Car Shops.
693b–Kuhn, B. F., Asst. S. M. P.
695a, 695b—Kuhn, E. A., Eng. M. P.
628a–Kuhn, E. J., Ch. Draft.
229e–Kuhn, G. G., Pur. Agt.
751b–Kuhn, S. H., Supvr.
984—Kuhn, W. T., S. M. P.
428—Kuhns, L. A., M. M.
322—Kukis, P. E., Div. Str. Kpr.
322—Kukls, J. J., Supt. Strs.
186—Kulp, B. R., Div. Eng.
182—Kummer, G. H., Gen. Coal Agt.
195a–Kunde, F., Sig. Supvr.
207—Kunis, J. J., For. Paint Shop.
58b–Kunker, J. W., Sig. Supvr.
796—Kunst, N., Supt.
382—Kunz, A. J., Car For.
350, 739b, 847—Kurn, J. M., Pres.
693b–Kurrasch, F. C., Gen. For. Eng. Hse.
200, 481—Kurrie, H. R., Pres.
23—Kurth, E. L., V.-Pres. & Traf. Mgr.
428—Kurth, J., Gen. For. Loco. Dept.
23—Kurth, J. H., Pres.
653—Kurtzman, E. H., Aud.
204a–Kurzejka, A. A., Ch. Carp.
204a–Kurzejka, S. J., Ch. Carp.
927—Kusch, W. F., Mgr. Din. Cars
716—Kyle, C. C., Gen. Str. Kpr.
493, 705a—Kyle, E. D., Traf. Mgr., V.-Pres.
137c–Kyle, J., Supt. M. P. & Car Equip.

L

207—La Bach, P. M., Eng., W. S.
1503—Labadie, V., Traf. Mgr.
1849g–Laberge F. C., Comr.
382—La Bertew, M. C., Div. Supt.
137b–Laboursadiere, H., Rd. Mast.
137c–Labrie C. C., Pur. Agt.
565—Lacey, L. P., Pres. & G. P. A.
58a–Lacey, P. T., Supt. Bolt & Forge Shops.
195a–La Chance, J. H., Sig. Supvr.
927—Lackey, A. B., Div. Str. Kpr.
726d–Lackey, G. T., V.-Pres. & Agt. for Recrs.
47—Lackey, J. H., Sig. Supvr.
322a–Lackey, O. N., Trk. Supvr.
139c–Lackey, T., Rd. Mast.
186—La Combe, A. N., Asst. to Gen. Supt.
207—La Coste, J. C., Asst. G. F. A.
204a–La Court, M. J., Dist. Gen. Car For.
615—Lacroix, W. C., Gen. Mgr.
115—Lacy, E. A., Rd. For. Eng.
842—Lacy, G. G., V.-Pres.
450—Lacy, H. S., Pur. Agt.
705—Lacy, J. B., Treas.
176—Lacy, L. D., Aud.
1704—Ladd, H. W., Gen. Aud.
1001c–Ladd, W. R., Shop Supt.
1001c–LaDow, H. N., Asst. Aud.
683—Lafferty, E. E., Ch. Surg.
180—Laffey, M., Supvr.
58a–Laffey, M. W., Supvr. Rd.
58a–Laffey, T. A., Supvr. Rd.
616—La Follette, J., Str. Kpr.
930—La Fond, F., Rd. For. Eng.
137c–Lafontaine, L., Car For.
187—La Force, J. E., Gen. Agt.
204a–La Fountain, N. H., Gen. Supvr. Bldgs.
382—LaFountaine, C. L., Gen. Safety Supvr.
1583d–La France, L. C., Traf. Mgr.
302, 769—Lagerholm, F. E., Asst. to V.-Pres.
204a–Lagerstrom, A. O., Arch.
198—Lagerwall, S., Trk. Supvr
1823—Lagrone, W. F., Comr.
629—Lahmer, J. A., Sr. Asst. Eng
715—Lahr, C. H., Sec. & Treas.
195a–Lahr, W. J., Asst. G. F. A.
600—Laidlaw, R. E., Supt.
670—Laimon, R., Div. Eng.
137c–Laing, A., Car For.
1509—Laing, H. A., Traf. Mgr.
860—Laing, R. H., G. P. A.
137g–Laird, A. N., Asst. Eng.
1031—Laird, A. W., Treas. & Gen. Mgr.
47—Laird, E. P., Dist. Supt.
176—Laird, F. F., Supvr. Term.
198—Laird, W. I., Asst. G. F. A.
322a–Laizure, L. R., M. M.
176—Lake, C. S., Spec. Asst. to Gen. Supt.
204a–Lake, G. F., Asst. Dist. Str. Kpr.
182—Lake, G. O., Sta.
40—Lake, H. R., Supt. Trans.
322b–Lakin, F. D., Div. Eng.
186—Lakin, I. B., Rd. Mast.
182—Laking, E., Air Brk. Supvr.
931—Lallande, J., G. F. A.
58a–Lalley, P. J., Supvr.
751c–LaMar, A., M. M.
695c–La Mar, M. C., Sta.
1826—La Master, H., Coun.
1818—Lamb, A. E., Ch. Acct.
549—Lamb, A. J., Asst. Div. Supt.
804a–Lamb, C. T., Pres.
927a–Lamb, J. B., Sig. & El. Eng
600—Lamb, J. H., Rd. For. Eng
195—Lamb, L. H., Ch. Tar. Bui
195a–Lamb, M. B. Div. Supt.
468b–Lamb, O. S., Supt.
958a–Lamb, R. L., Asst. Supt.
311a–Lamb, S. R., Res. Eng.
629—Lamb, T. L., Rd. For. Eng
165—Lamb, V. J., Gen. For. Co Dept.
931a–Lamb, W. C., Rd. Mast.
629—Lamb, W. E., Supt.
1031d–Lamb, W. G., M. M.
751a–Lamb, W. N., For. Pair Shops.
693b–Lamb, W. P., Div. Supt.
204a–Lamberg, G., Shop Supt.
751b–Lamberger, A. H., For. Loco Rep.
324—Lambert, J. A., Rd. Mast.
137c–Lambert, J. H., Car For.
58—Lambert, L. A., Aud.
186—Lambert, P. E., Supvr. Sig.
229—Lambert, P. F., Supvr. Trk
1442—Lambert, S. J., Traf. Mgr.
1029a–Lambert, W. J., Pres.
632—Lambeth, G. L., Supt. M. P
200—Lamcool, K. J., Supvr. Fuel
47—Lamdin, D. M., Eng. M. W
452—Lammers, C. L., Gen. Supt
182—Lammers, C. N., Supvr. Rec
751c–Lammers, W. H., For. Ca Rep.
40—Lammers, W. S., Asst. Mech Valua. Eng.
837—La Montagne, C. E., For Loco. & Car Rep.
1006b–La Monte, H., Pur. Agt.
97—La Moure, W. T., Asst. t V.-Pres.
139c–Lampard, C. A., Rd. Mast
968b–Lampert, J. J., Supt.
137c–Lamport, W. I., Loco. For.
137g–Lampson, C. J., Car For.
195—Lamson, J. R., Agri. Dev. Ag
279—LaMunyon, J. A., Rd. For Equip.
1001a–Lancaster, B., Aud.
146—Lancaster, C. C., Sec., Treas. Gen. Aud. & Gen. Mgr.
660—Lancaster, G. A., Car Acct
737d–Lancaster, G. J., Pur. Agt
933a–Lancaster, G. W., Rd. Mast
964, 968b, 1005a, 1034—Lancaster J. L., Pres.
931a–Lancaster, P., Div. Car For
96—Lancaster, S., Forn. Frt. Agt
1830—Lancaster, W. C., Ch. Eng.
275—Lance, I. H., Gen. Str. Kpr
1001a–Land, C. H., Supvr. B. & B
705a–Land, L. L., Str. Kpr.
872a–Landa, H., Pres.
479—Lander, E. J., Aud.
209—Landergan, W. T., Rnd. Hse. For.
229—Landers, E. H., Gen. Str. Kpr.
139a–Landers, F. J., Rd. Mast.
437—Landers, P. J., Supt.
139b–Landers, T., Rd. Mast.
137a–Landers, T. L., Div. Eng.
619—Landes, C. K., Asst. G. F. A
927a–Landis, E. V., Gen. For.
808—Landis, J. D., Pur. Agt.
186—Landis, R. E., Rd. For. Eng

29—Landis, S. L., Supt. Fuel Conserv.
0, 693, 1856—Landman, L. W., Pass. Traf. Mgr., Pres.
36a—Landrum, B., Aud.
60—Landry, H. D., G. F. A.
95a—Landstrom, C., Mast. Carp.
28—Lane, B., Sec.
56—Lane, C., Gen. Mgr.
9,178a, 579a, 803—Lane, C., Supt.
07—Lane, C. B., Rd. Mast.
58a—Lane, E. G., Eng. M. W.
93c—Lane, E. G., Asst. Div. Eng.
01b—Lane, E. R., Rd. For. Eng.
21—Lane, F., Elec. Eng.
, 58c, 59—Lane, H. A., Ch. Eng., Consit. Eng.
9,470—Lane, J. J., Gen. Traf. Mgr.
40a—Lane, W. R., Rd. For. Eng.
15—Laney, C. J., Traf. Mgr.
60a—Lang, A. G., Ch. Eng.
17—Lang, C. F., Treas.
79a—Lang, E. H., Traf. Mgr.
89a—Lang, H. C., Sec. & Treas.
98—Lang, Jr., P. G., Eng. Brdg.
71—Lang, W. C., Asst. M. C. B.
93b—Langan, J. N., Rd. For. Eng.
76—Langan, P. J., Gen. Air Brk. Insp.
32—Langby, J. A., Exec. Asst.
90—Langdale, E. T., Asst. Div. Eng.
98—Lange, A. C., Asst. Sec.
37g—Lange, E., Car For.
94a—Lange, L. R., Div. Str. Kpr.
77—Langer, O. E., Aud.
27b—Langford, B. F., Supt.
92a—Langford, I. W., Treas. & P. Agt.
36—Langlands, W. A., Asst. Div. M. M.
37a—Langille, C. B., Rd. Mast.
17—Langley, F. B., Dist. Supt.
17a—Langley, N. H., B. & B. Mast.
19—Langridge, W. H., Aud.
92—Langston, G. B., Car Acct.
76—Langton, G. H., Gen. M. M.
21—Langworthy, H. M., Asst. Aud.
, 395a—Lanham, C. E., Supt. Trans.
21—Lanier, G. H., Pres.
28—Lanigan, J. V., G. P. A.
55—Lanigan, M. T., Aud.
19—Lanigan, W. B., Gen. Frt. Traf. Mgr.
48—Laning, H. L., Valua. Eng.
79—Lank, W. J., Div. Eng.
21—Lankford, W. H., Supvr. B. & B.
34b—Lanning, G. W., Ch. Carp.
50—Lanning, H. H., Mech. Eng.
65—Lannon, F. P., Chman.
29—Lanoux, H. J., Asst. Frt. Clm. Agt.
, 931a—Lansdale, J., Valua. Eng.
75b—Lansjeary, W., Car For.
92—Lantry, B., Asst. Div. Supt.
56—Lantry, T. H., Gen. Supt.
31c—Lantz, C. J., Supvr. Tel. & Sig.
2—Lantz, F. G., G. F. A.
4—La Paugh, O. J., Div. Str. Kpr
48a—Lapham, C., Asst. Dist. Eng.
751a—LaPorte, J. C., Gen. For.
316—Lara, J. B., Supt. Rys.
847—Laret, A. N., Asst. to V.-Pres. & Ch. Pur. Officer.
751c—Large, H. M., Mast. Carp.
751—Large, J. B., Asst. Gen. Traf. Mgr.
693b—Larick, W. A., M. M.
186—Larimer, H. S., Land Comr.
1849g—Lariviere, A., Ch. Eng.
1030c—Larkin, A. H., Chman. of Bd.
1001c—Larkin, E., Supvr. B. & B.
204a—Larkoski, J. A., Rd. Mast.
482—Larme, C. L., M. M.
695—Larmer, R., Compt.
1076f—Larmon, P., Pres.
139—Larmour, R. E., G. F. A.
757—Larrabee, T. Mech. Insp.
137a—Larrivee, C., Rnd. Hse. For.
58b—Larrick, A. J., Gen. For. Car Dept.
1605—Larsen, A., Traf. Mgr.
204a—Larsen, G. A., Rd. Mast.
693b—Larsen, L., Act. Supvr. Sig. Shp.
139g—Larson, A., Rd. Mast.
209—Larson, A., Gen. For. Car Dept.
716—Larson, A., Rd. Mast.
757—Larson, A., Div. Rd. Mast.
382—Larson, A. C. Dist. Rd. Mast.
195b—Larson, C. A., For. Wat. Ser.
1001c—Larson, C. A., Sig. Supvr.
629—Larson, C. F., Supt. Safety
628b—Larson, E. N., Aud.
204a—Larson, F., Rd. Mast.
382—Larson, F. A., Dist. Rd. Mast.
204a—Larson, G., Gen. Car For.
176—Larson, G. N., Rd. For. Eng.
137c—Larson, J. F., Rd. Mast.
204a—Larson, J. F., Rd. Mast.
180—Larson, L. B., For. Loco. Rep
139h—Larson, O., Rd. Mast.
428—Larson, O., Trav. Eng.
40d—Larson, R., Treas.
945—Larson, W., Rd. Mast.
1057c—Larson, W. H., Asst. Gen. Mgr.
771—Lash, J. F., Supvr.
176—Lash, P. H., Aud.
629—Lassiter, E. J., Asst. Eng.
206—Lassiter, N. H., V.-Pres.
851—Lasswell, W. D., Pres. & Gen. Mgr.
40a—Laswell, L. L., Rd. For. Eng.
428—Latham, A. S., Supvr.
695—Latham, A. W., Asst. Compt.
984—Latham, R. L., Ch. Eng.
968a—Latham, W. R., Pur. Agt.
778—Lathrop, C. L., Gen. R. E. Agt. & Clm. Agt.
930—Lathrop, F. C., Asst. Pass. Traf. Mgr.
40—Lathrop, G., Spec. Coun.
964—Latimer, F. R., Aud.
195—Latimer, J. B., Sig. Eng.
751—Latimer, S. A., Coal Frt. Agt
626, 627b—LaTourette, B. W., Asst. G. F. & P. A.
635—Latshaw, T. R., Pur. Agt.
137—Latta, B. A., Supt.
696—Lattin, W. V., B. & B. Supvr.
195a—Laubenfels, G. A., Dist. Eng.
394a, 439—Lauderdale, J. H., Gen. Pur. Agt.
706—Lauer, H. H., Valua. Eng.
428—Lauer, W. F., M. M.
629—Laughlin, D., Asst. Aud.
1850a—Laughlin, F., 1 V.-Chman.
58a—Laughlin, H. R., Div. Supt.
382—Laughlin, J., Div. Rd. Mast.
619—Laughlin, J. S., Div. Eng.
886—Laughlin, R. L., Rnd. Hse. For.
1893—Laughridge, W. H., Treas.
927—Laughton, H. H., Asst. to V.-Pres.
523—Laughton, E., Aud.
58a—Lauman, H., Asst. Str. Kpr.
40a—Lautz, H. B., Div. Supt.
523—Lauz, J. P., Shop Supt.
380—Lave, J., M. M.
692—Lavens, J. R., V.-Pres.
137b—Lavery, P., Rd. Mast.
195—Lavidge, A. W., Aud.
958—Lavole, J. T., Acct.
137—Lavole, L., Gen. Pur. Agt.
139b—Lavole, O. M., Supt.
549—Lavon, R., Rd. Mast.
666, 1918—Law, A. J., M. M., Pres.
428—Law, F. H., G. F. A.
716—Law, S. W., Asst. Sig. Eng.
696—Law, W. H., Asst. Eng. Const.
579—Lawford, H. T., Gen. Mgr. & Car Acct.
927a—Lawhon, A. M., M. M.
1—Lawhon, L. C., M. M.
40b—Lawler, G. M., Div. M. M.
927b—Lawler, U. H., Trk. Supvr.
115—Lawless, W., Supvr.
195b—Lawlor, J. F., Gen. For.
927—Lawrence, B. F., Supt. Din. Cars.
917—Lawrence, B. F., Supt. M. P.
1849—Lawrence, C., Comr.
157—Lawrence, C. K., Ch. Eng.
1900—Lawrence, D. T., Chman.
58—Lawrence, E. K., Gen. Scale Insp.
837—Lawrence, E. W., Gen. Atty.
204a—Lawrence, G. B., Ch. Carp.
137c—Lawrence, H. E., Str. Kpr.
751a—Lawrence, N. M., Supvr.
695b—Lawrence, P. P., Supt. B. & B.
860a—Lawrence, T. N., G. P. A.
274—Lawrence, W. L., R. E. Agt.
631a—Lawrence, W. P., Tie & Tim. Agt.
842a—Lawrenson, W. H., M. M.
182—Lawrenz, W., Supvr.
428—Lawshe, S. J. Aud.
771—Lawson, A. F., For. Paint.
831—Lawson, H. J., Ch. Tar. Bu.
200—Lawson, W. E., Frt. Clm. Agt
157—Lawton, A. R., V.-Pres.
157—Lawton, Jr., A. R., Solr.
930a—Lawton, H., Traf. Mgr.
137c—Laycock, G. H., Loco. For.
40—Layden, T. E., Asst. Eng. Tests.
82—Layng, F. R., Eng. Track.
629—Layton, W. S., Rd. Mast.
1080—LaZelle, O. H., G. F. A.
695—Lea, C. B., Gen. Car For.
1589—Lea, L. B., Traf. Mgr.
751b—Leach, C. C., For. Car Rep.
1598—Leach, J. P., Supt.
751a—Leach, J. T., M. M.
186—Leahy, M. R., G. P. A.

207—Leahy, W. J., Asst. Pass. Traf. Mgr.
428—Leahy, W. J., Supt. Frt. Serv.
176—Leake, C. C., Supvr. B. & B.
79, 191—Leaming, M. S., Frt. Clm. Agt.
274—Leamy, F. W., Asst. to Pres. & Asst. Sec.
274—Leamy, M. F., Supt.
705—Leaneave, W., Asst. Rd. For Eng.
886—Leard, H. S., Supvr. Pass. Oper.
1040—Leary, J. H., Term. Supt.
207—Leas, R., Asst. Eng.
229—Lease, G., Supvr. Trk.
40a—Leat, C., Rd. For. Eng.
939—Leatherman, A. H., Aud.
475—Leatherman, C. F., Str. Kpr
322c—Leatherman, W. H., Supvr.
1591—Leathers, H. S., Traf. Mgr.
619—Leatsch, C. E., Asst. Aud.
1849—Leavitt, C., Ch. Fire Insp.
1001c—Leavitt, F. A., M. M.
97—Leavitt, F. J., Asst. B. & B. Supvr.
623—Leavitt, F. S., Sec. & Aud.
930—Lebanbaum, P., Asst. Elec. Eng.
1881—Le Beau, E. A., Pres.
756—Leber, C., Sec. & Aud.
968a—Leber, G. A., Aud.
648—LeBer, W. O., Supt.
1849c—Le Blanc, F. X., Comr.
137a—Le Blanc, G. D., G. B. A.
137b—Leblanc, J. G., Car For.
539—LeBoutiller, G., V.-Pres.
137b—Lebreux, H., Car For.
382—Lecinner, W. O., Dist. Str. Kpr
472, 962, 1860a—Leckie, A., Ind. Agt., Pres.
1393—Le Clercq, J. S., Pres.
799—L'Ecuyer, A., Rd. Mast.
927—Ledbetter, B. H., Div. Str. Kpr
517—Ledbetter, J. L., Supt. & Aud.
195a—Ledford, R. F., Asst. Div. Supt
58b—Ledger, E., Supvr. Rd.
931—Ledig, C., Gen. Car For.
599—Ledwidge, E., Tax. & Clm. Agt.
927—Lee, A., Div. Str. Kpr.
716—Lee, A. M., Asst. Gen. Clm. Agt.
531—Lee, A. W., Sec. & Treas.
649—Lee, A. W., Pres.
649—Lee, Jr., A. W., Sec. & Treas.
428—Lee, B., Coun.
700—Lee, B. F., Ch. Eng.
269—Lee, C. T., M. M.
751, 1850—Lee, E., V.-Pres., Memb. Comm. on Nom.
79, 191—Lee, E. H., V.-Pres. & Ch. Eng.
573—Lee, E. P., Coun.
139—Lee, F., Eng. M. W.
58—Lee, F. H., Supvr. Frt. Car Maint.
1885—Lee, F. H., Sec.
1801—Lee, F. H., Comr.
342—Lee, G. G., Aud.
958a—Lee, G. W., Chman.
888—Lee, H. C., Frt. Clm. Agt
61, 539, 751—Lee, H. H., Treas.
931a—Lee, I., Asst. G. P. A.
751c—Lee, J. M., Supvr.
442—Lee, J. R., V.-Pres.
771—Lee, L. A., Sup. Tel.
128—Lee, L. D., Rd. Mast.
549—Lee, L. W., For. Paint.
292—Lee, R. Q., Pres. & Gen. Mgr.
179, 613—Lee, W. J., Pur. Agt.
693a—Lee, W. M., Supvr. B. & B.
17, 769—Lee, W. S., Pres.
1831—Lee, W. T., Chman.
89—Lee, W. W., Traf. Agt.
549—Leech, H., Supvr. B. & B.
790—Leech, R. M., Supt.
549—Leeds, R. M., Rd. Mast.
309—Leedy, R. B., Supt. & Rd Mast.
1429—Leeman, J., Traf. Mgr.
600—Leeming, H., Supvr. Sig.
693b—Leenhouts, E. J., Agri. Agt.
137c—Leeper, F. W., Div. Eng.
282, 968a—Leeper, J. C., Ch. Eng.
139g—Lees, T., Dist. Eng.
751a—Leete, J. W., For. Boiler Shops.
696—Leete, P. R., Asst. Val. Eng.
279—Lefaivre, W. E., Gen. Str. Kpr.
608—Lefeber, A. W., V.-Pres.
1458a—Lefever, M. W., Treas.
553—Le Fevre, H. I., V.-Pres.
137g—Le Fevre, S., Eng. Hse. For.
693b—Leffler, B. R., Eng. Brdgs.
82, 968a—Lefler, G. C., Aud.
705—Lefler, L., For.
931—Lefler, F., Rd. Mast.
751a—Lefold, G. H., Asst. Supvr. Tel. & Sig.
927b—LeFort, C. E., For. Paint.
139b—Legault, A., Rd. Mast.
137a—Legere, C. J., Car For.
137a—Legere, J. A., Rnd. Hse. For.
371—Legg, W. M., Pres. & Gen. Mgr
1023—Legett, T. B., M. M.
547—Leggett, J. W., Car Acct.
209—Leggo, C. A., Asst. Sec. & Land Comr.
47, 1068—LeGrand, G. S., Aud.
232—Le Grande, W. H., Aud.
97—Legro, H. W., Asst. Div. Eng
860a—Leguenec, J. R., Rd. Mast.
265, 860a—Lehane, J. F., V.-Pres.
693c—Lehman, E. H., Asst. Gen. Str. Kpr.
40b—Lehman, F. A., V.-Pres. & Gen. Mgr.
8—Lehman, I. H., Gen. Coun.
860—Lehmann, A. J., Asst. G. F. A.
182—Lehnen, G. J., For. Paint.
764—Lehr, C. E., Ch. Eng.
751b—Lehr, H. W., Gen. For.
808—Lehr, S. B., Str. Kpr.
693b—Leibacher, L. G., Str. Kgr.
176—Leibfarth, A. W., Rd. For. Eng
808—Leibig, F. N., Str. Kpr.
287—Leibold, E. G., V. Pres.
808—Leidinger, F. For. Car Shops.
298, 619—Leigh, G. W., Gen. Str. Kpr
1020c—Leigh, S., Ch. Surg.
1039—Leight, C. T., Asst. to Gen. Aud.
137a—Leightizer, J. F., M. M.
428—Leightner, H. A., Gen. For. Car Dept.
97—Leighton, H. L., Supt. Shops.
563—Leighton, H. T., Aud.
886—Leighton, R. L., Supvr Pass. Loco. Oper.
58a—Leighty, A. L., Supvr. Rds
933—Leighty, C. L., Car Acct.
927—Leighty, J. R., Spec. Eng Valua.
1873a—Leimer, R. J., Asst. Dir.
58b—Leingang, J. P., Coal Frt. Ag
751a—Leiper, C. I., Asst. Gen. Mgr
432—Leisenring, J., Elec. Supt.
48—Leistad, J., Pres.
1850k—Leithner, G. A., Dist. Mgr
1923—Leland, F. A., Chman.
58b—Lemaster, A., Supvr. Rd.
926—Lemasters, E. J., Supt.
204a—Lemay, A. M., Div. Str. Kpr
886—Lemay, E., Asst. Str. Kpr
964—Lembcke, R. E., Asst. Eng
629—Lembke, C. H., For. Car Dept
139f—Lemieux, E. J., Div. M. M.
716—Lemke, G. H., Asst. Aud.
395—Lemmermann, H., Rd. For Eng.
47—Lemmon, F. D., Asst. Sec.
693b—Lemon, F. L., Supvr. Trk.
629—Lemon, J. W., Shop Supt.
229e—Lemon, L. C., Asst. Gen. Mgr
629—Le Mon, N. F., Div. M. M.
469, 470—Lemon, O. M., Gen. Str Kpr.
927a—Lemond, J. S., Asst. Ch. Eng
M. W. & Struct.
646—LeMoyne, F. J., V.-Pres. & Treas.
306b—Lemp, C. A., Pres.
306b—Lemp, Jr., W. J., Treas.
469—Lence, W. R., Asst. to Pres
342—Lenderman, J. D., Tr Supvr.
137c—Leney, J. M., Asst. Ch. Med Officer.
693a—Lennon, G., Gen. For. Loco Dept.
549—Lennon, J. R., Supvr.
847—Lenox, J., For. Wat. Serv
428—Lentz, C. W., Rd. Mast.
523—Lentz, J. S., M. C. B.
440a—Lentz, L. F., Sec.
798a—Lentz, M. S., Traf. Mgr.
204a—Lentz, T. J., Gen. Car For
692x—Lentz, W. L., Eng. M. P
821a—Lenz, G. P., Pur. Agt.
600—Lenzner, S., Supvr. Pass Equip.
1004—Leonard, A. G., Pres.
737d—Leonard, A. W., Pres.
140—Leonard, B. E., Supt. & M. M
322—Leonard, C. F., Asst. Gen Solr.
402—Leonard, C. W., Pres.
40c—Leonard, E., Gen. For. Loco Dept.
186—Leonard, E. J., Div. Str. Kpr
395—Leonard, G. T., Sig. Supvr
751—Leonard, H. R., Ch. Eng B. & B.
63—Leonard, J. A., Hyd. Eng.
927a—Leonard, J. D., Trk. Supvr
751—Leonard, J. F., Eng. B. & B
1074a—Leonard, J. H., Pur. Agt.
322a—Leonard, J. J., Trk. Supvr
751a—Leonard, L. R., Gen. Air Brk Insp.
629—Leonard, M., Rd. Mast.

931a–Leonard, P. E., Rnd. Hse. For.
931a–Leonard, P. G., Trav. Eng.
322b–Leonard, T. J., Trk. Supvr.
189—Leonard, W. D., Asst. Sig. Supvr.
808—Lepperd, C. J., Supvr.
229—Leppert, J. W., Gen. For.
207—Leppla, A. F., Asst. Mech Eng.
186—Leppla, J., Div. Supt.
808—Lerch, G. P., Asst. Air Brk. Insp.
198—Lerch, W. G., V.-Pres. & Sec.
7a–LeRoy, H. H., Aud.
966—Lesaer, W. A., Treas.
1001c–Lesher, M. M., Supt. Din. Cars & Hotel Dept.
600—Leslie, A., Div. For. Bldg.
793—Leslie, G. W., Treas. & Gen. Mgr.
139—Leslie, J., V.-Pres. & Compt.
137c–Leslie, J. A., Rd. Mast.
931a–Lessor, J. L., Rd. Mast.
58a–Lester, J. G., Sig. Supvr.
382—Lestina, M., Loc. For.
439—Le Suer, S. J., Asst. Eng.
157—Le Sueur, C. P., Asst. Eng.
751a–LeSure, H. K., M. M.
137—Lett, R. C. W., Gen. Agt.
428—Leutenmayer, A. J., Gen. For. Loco. Dept.
716—LeVan, E. B., Rd. For. Eng
958—Levasseur, J., Track Mast.
964—Levee, L. C., Dist. Rd. Mast.
528—Levensaler, E. S., Pur. Agt.
674a–Lever, T. H., M. M.
40b–Leverage, J. R., Asst. Shop Supt.
920—Leverette, W. M., Supt.
137c–Levers, T., Loco. For.
799—Levesque, G. F., M. M.
272a, 1040—Levey, C. M., Pres.
40c–Levy, B., Asst. G. F. A.
599a–Levy, H. M., Supt.
394a, 420, 873—Levy, T. H., Gen. Supt. C. S. & Trans., Car Acct.
58b–Lewellyn, J. L., Mast. Carp
847—Lewis, A., Div. Rd. Mast.
386a–Lewis, A. D., Supt. Pow.
275—Lewis, A. S., Supt. C. S.
628b–Lewis, A. J., M. M.
795—Lewis, A. L., Treas. & Gen. Supt.
40d–Lewis, A. M., M. M.
619—Lewis, B. N., Meth. Supt.
795—Lewis, B. R., Pres.
322a–Lewis, C. M., Div. Eng.
97—Lewis, C. W., Trk. Supvr.
814—Lewis, D., Chman.
751c–Lewis, D., Supvr.
275—Lewis, D. J., Spec. M. P. Insp.
933a–Lewis, E., Car For.
060b–Lewis, E. A., V.-Pres.
382—Lewis, E. C., Frt. Clm. Agt.
800a–Lewis, E. D., Comr.
388—Lewis, E. H., Asst. Sec.
137b–Lewis, E. H., Supvr. Sig.
428—Lewis, E. H., Supvr.
600—Lewis, E. R., Prin. Asst. Eng.
200—Lewis, F. E., Gen. Supt.
693—Lewis, F. E., Asst. G. F. A.
001—Lewis, F. E., Mgr. Din. Cars & Hotel Dept.
751a–Lewis, F. H., Supvr.
872b–Lewis, F. L., Gen. Supt.
395—Lewis, F. M., Rd. Mast.
751a–Lewis, F. M., Supvr.
698c–Lewis, F. S., Gen. Atty.
218a–Lewis, H., Mgr. Pur.
619—Lewis, H. M., G. P. A.
58b—Lewis, H. R., Frt. Traf. Mgr.
142c–Lewis, H. S., V.-Pres.
523—Lewis, H. W., Sig. Eng.
275—Lewis, J. P., Rnd. Hse. For.
808—Lewis, L. A., Supvr.
808—Lewis, L. B., Asst. Supvr.
939—Lewis, L. R., Pres.
382—Lewis, L. W., Supt. Din. & Sleep. Cars.
1021—Lewis, O. A., Supvr. B. & B.
108—Lewis, P., Pur. Agt.
46—Lewis, P. S., Supt.
795—Lewis, S. B., V.-Pres. & Gen. Mgr.
998—Lewis, S. R., Traf. Mgr.
139f–Lewis, S. T., Div. Eng.
523—Lewis, T., Gen. Boiler Insp.
600—Lewis, W. C., Asst. G. F. A.
764—Lewis, W. L., Aud.
967—Leyendecker, M. M., Gen. Supt.
157—Leyland, H., Asst. Sec.
847—Leysant, L. J., Supt. Shops.
886—Leyton, L. L., Rd. Mast.
331—Lhoyd, I. S., Ch. Eng.
63—Libby, F. H., Pur. Agt.
927a–Libby, H. C., Eng. Brdgs.
850—Libby, M. E., Gen. Atty.
629—Libby, P., Asst. Eng.
58a–Lichliter, S. J., Supvr. Rd.
939—Lichtenberger, J. B., Sec. & Treas.
751b–Lichtenfels, P. H., For. Car Rep.
1860—Lichty, C. A., Sec. & Treas.
1653b–Liddell, J. W., Traf. Mgr.
221—Liebenthal, H., For. Paint.
200—Liebenthal, J. H., Pur. Agt.
549—Lieber, C. J., Asst. G. P. A.
58b–Liebertrau, F. E., Gen. For. Loco. Dept.
1704—Lienau, F. W., Supt. Tariff Bur.
696—Liepold, A. L., Ch. Insp. Elec. Equip.
751c–Light, C. W., Supvr.
176—Light, J. F. Str. Kpr
666—Lightfoot, W. I., G. P. A.
399—Lightsey, H. W., V.-Pres. & Treas.
399—Lightsey, W. F., Pres. & Sec.
1001a–Likert, G. H., Fuel Eng.
382—Lillengren, A. H., Asst. Pur. Agt.
883a–Liles, E. A., For. Car Dept.
986a–Lilley, E. C., Asst. Gen. Supt
239—Lilley, J. S. W., Str. Kpr.
359, 983a–Lillie, E. E., Supt. C. S. & Tel.
137g–Lillie, J. S., Prop. & Tax Comr
716—Lilliedahl, J., For. Paint.
697—Lillis, E. J., Frt. Clm. Agt.
279—Lillis, G. M., Rd. For. Eng.
705a–Lilly, F. L., Rd. Mast.
927a–Lilly, J. B., Trk. Supvr.
513a–Limbach, P. H., Supt.
808—Lime, J. F., Str. Kpr.
629—Linberg, F., Str. Kpr.
1598—Lincoln, C., Dist. Supt.
629—Lincoln, D. R., Asst. Frt. Traf. Mgr.
693a–Lincoln, H. B., Supvr. Trk.
62—Lincoln, L. B., Prin. Asst. Eng
395—Lincoln, S., Gen. For. B. & B.
1001d–Lincoln, W. F., G. F. A.
204a–Lind, C., Rd. Mast.
1021—Lind, E., Supt. Term.
139h–Lind, F., Rd. Mast.
618—Lind, J., Pres.
1021—Lind, L. G., Aud.
204a–Lindeman, H., Rd. Mast.
1858c–Lindemuth, E. L., 3 V.-Pres.
382—Lindenberg, F. H., Div. Str. Kpr.
693a–Linderman, F. A., Div. Supt. M. P.
1811—Lindly, C. J., Comr.
751a–Lindner, W. C., Ch. Car Insp.
1021—Lindsay, G. B., G. B. A.
382—Lindsay, J., Mast. Carp.
933a–Lindsay, J. A., Mast. Carp.
58a–Lindsay, J. H., Asst. Div. Eng
631—Lindsay, J. R., Sec. & Treas.
139e–Lindsay, P. S., Div. M. M.
693b–Lindseth, A., Mast. B'smith
164—Lindsey, A. S., Gen. Mgr. & Pur. Agt.
182—Lindsey, E. R., Sig. Supvr.
47—Lindsey, J. B., Prin. Asst. Eng.
523—Lindsley, D. F., G. P. A.
629—Lindstrom, E., Div. Str. Kpr.
382—Lindt, F. C., Supt. Shops.
207—Linehan, C., Rd. Mast.
204a–Linehan, J. M., Gen. Car For.
786—Lines, W. H., Asst. to Pres.
600—Link, A., Div. M. M.
399—Link, J. W., V.-Pres.
58a–Linn, D. E., Asst. Shop Supt.
927a–Linn, J. A., Gen. For. Car Rep.
927b–Linn, J. L., Sig. Supvr.
204—Linn, W. A., Asst. to Ch. Pur. Off.
58—Linnbaum, J. W., Ch. Draft.
207—Linnehan, W. L., Asst. Aud.
137—Linnell, A. P., Supt. Ry. Tel. Serv.
137c–Linney, G. H., Asst. Supt.
1039—Linthicum, J. G., G. F. A.
428—Linton, A. C., Asst. G. P. A.
1302—Linton, D. W., Traf. Mgr.
751a–Lipman, M., Div. Eng.
27b–Lipp, V. J., Asst. Eng. Maint.
751—Lippincott, C. H., Coal Frt. Agt.
693c–Lippincott, R. S., Land & Tax Agt.
1858a–Lippitt, L. E., 1 V.-Pres.
927—Lippitt, M. I., Asst. Constr. Eng.
384—Lippitt, W. D., 2 V.-Pres.
930—Lipscomb, R. U., Supt. M. P.
938—Lipscomb, W. M., Aud.
956b–Lisman, F. J., Pres.
97—Lister, E. P., Asst. Sig. Supvr.
847—Lister, F. G., Ch. Mech. Eng.
139a–Lister, N. E., Rd. Mast.
58b–Litchfield, H. E., Str. Kpr.
229e–Littig, H. E., Sec.
97—Little C. A., Asst. B. & B. Supvr.
757—Little, F. P., Supt. Term.
176—Little, G. K., For. Car Dept.

440a–Little, H. W., Clm. Agt.
157—Little, J. D., Asst. Gen. Coun.
628b–Little, J. H., Supt.
204a–Little, J. J., Trav. Eng.
137b–Little, T. E., Supvr. Water Serv.
137b–Little, W. J., Asst. Supt.
699b, 700—Little, W. P., Treas., Treas & Asst. Sec.
696—Littlefield, Jr., N. W., Asst. Eng. of Const.
716—Littlehales, D. S., M. M.
1699b–Littlejohn, A. V., Traf. Mgr.
575a–Littlejohn, G., Supt.
716—Littlemore, G. H., Rd. For. Eng.
1030a–Littlepage, T. P., 2 V.-Pres. & Sec.
195a–Littles, P. E., Mast. Carp.
549—Lively, H. T., Gen. Clm. Agt.
628a–Livengood, J. G., Compt.
927—Livengood, R. A., Div. Str. Kpr.
774—Liverlight, A. M., Gen. Coun.
693a–Livingston, A. T., Str. Kpr.
207—Livingston, H. T., Div. Eng.
860—Livingston, J. B., Supvr. B. & B.
137b–Livingston, J. B., Dist. Str. Kpr.
581—Livingston, J. G., Gen. Supvr.
329—Livingston, R. D., Trk. Supvr
693b–Lloyd, A. E., Div. Supt.
672—Lloyd, A. H., Gen. Mgr.
139—Lloyd, E. E., Asst. Compt.
186—Lloyd, F. R., Div. Supt.
488a–Lloyd, F. R., Pur. Agt.
176—Lloyd, G. W., Asst. Rd. For. Eng.
108—Lloyd, H. M., Mech. Asst.
931, 931a–Lloyd, J. M., R. W. Agt.
209b–Lloyd, M. M., Supt. Shops & Equip.
137a–Lloyd, R. H., Car For.
137c–Lloyd, W. G., Car For.
693—Lochmuller, H. G., Asst. Aud.
205—Lochridge, F. G., Treas.
984—Lock, A. E., Supt. C. S.
1021—Lock, N., Rd. For. Eng.
40a–Lockard, F., Gen. For.
751—Lockard, J. A., M. P. Acct.
549—Locke, E. S., Treas.
1564—Locke, H. M., Traf. Mgr.
351—Lockett, R. J., Supt.
1—Lockey, F., Car Acct.
629—Lockhart, E. R., Rd. For. Eng.
356—Lockhart, F. P., Aud. & Traf. Mgr.
58b–Lockhart, H. A., Str. Kpr..
751a–Lockhart, H. K., Supvr.
549—Lockhart, J. E., Rd Mast.
860a–Lockhart, R. H., Asst. Supt.
176—Lockwood, J. F., Supvr. Brdg. Erec.
1700—Lockwood, N. K., Supt. Trans
25, 1913—Lockwood, R. J., V.-Pres.
1800a–Lockwood, W. M., Disb. Clerk.
204—Loderhose, G. W., Asst. Frt. Clm. Agt.
204—Lodge, A. E., Aud.
808—Lodholz, E. G., Str. Kpr.
310—Loeb, Jr., W., Pres.
790—Loeb, W., V.-Pres.
931a–Loeffler, H. A., Asst. G. F. A.
539—Loeffler, M. J., Supvr. Bridgs 7b–Loehr, L. L., Pres.
790a–Loerpabel, W. H., Supt.
696—Loflan, J. H., Marine Supt.
666—Loftin, M. C., Asst. Sec., Asst. Treas. & Trans. Agt.
342—Loftin, S. M., V.-Pres. & Gen. Coun.
204a–Loftus, J. T., Rd. Mast.
628a–Loftus, M. E., Rd. Mast.
1949c–Logan, G. E., Sec.
186—Logan, G. H., Gen. For.
986a–Logan, J. A., Supt. C. S.
927—Logan, J. H., Div. Str. Kpr.
207—Logan, J. H., Rd. Mast.
137a–Logan, W. B., Gen. Str. Kpr.
349—Logan, W. C., Gen. Aud.
40b–Logsdon, J. E., Rd. Mast.
751a–Logue, H. A., Supvr. Tel. & Sig.
395—Lohmann, A. T., Div. M. M.
176, 413—Lohmeyer, H. F., Asst. Sec.
137a–Lohnes, C. O., Rd. Mast.
861—Loida, J. L., Asst. Eng.
178—Loker, G. A., Aud., Supt., Loc. Treas., Pur. Agt. & Traf. Mgr.
204a–Lollis, E. W., Gen. Supt.
428—Lomas, H. F., Asst. Sig. Eng.
873—Lomax, J. T., Sec. & Treas.
209—Lombard, C. A., Gen. For. Car Dept.
693c–Lombard C. M., Dist. Frt. Clm. Agt.
696—Londregan, T. A., Trk. Supvr
566—Long, A. D., Treas.
930a–Long, B. O., Asst. Supt.
195—Long, C. E., Str. Kpr.
84—Long, C. I., Gen. Atty.
751a–Long, C. O., Supvr.
1008b–Long, E. E., Compt.
1850e–Long, F. E., 2 V.-Chman.
58a–Long, G., Asst. Div. Eng.
1817—Long, H. P., Chman.
1074a–Long, J. A., Gen. Mgr.
741—Long, J. C., Gen. Mgr.
279—Long, J. E., Mast. Carp.
274—Long, J. E., Supt. Safety
1001d–Long, J. F., Supt. M. P. & Machy.
428—Long, J. F., Supvr.
1388—Long, J. G., Traf. Mgr.
751b–Long, J. H., For. Car Rep.
1021—Long, J. W., Fuel Supvr.
540, 899—Long, R. A., Chman.
195—Long, R. D., Asst. Gen. Str. Kpr.
396a–Long, R. E., Supt. Trans.
716—Long, R. L., Div. Str. Kpr.
771—Long, R. M., Supvr. Air Brakes.
1021—Long, R. P., Supvr.
137b–Long, R. W., G. F. A.
186—Long, S. S., Div. Supt.
927b–Long, W. A., Trk. Supvr.
1446—Long, W. C., Traf. Mgr.
137c–Long, W. G., Str. Kpr.
137b–Long, W. H., Dist. Car For.
751a–Longacre, C. J., For. Boiler Shops.
388—Longenbach, M. F., Aud.
198—Longfield, F. B., Aud.
451—Longfield, N., Aud.
931a–Longnecker, O. M., Treas
217, 978—Longon, J. P., Aud., Aud. & G. F. & P. A.
693b–Longsdorf, C. D., Asst. Gen. Str. Kpr.
1021—Longshore, R. L., Div. Eng.
428—Longstreet, D. W., Traf. Mgr.
860—Longua, T. A., Sec.
58a–Longwell, W. H., Gen. For. Loco. Dept.
1021—Longwill, M. F., Asst. to Pres.
449—Lonnegan, J. P., Traf. Mgr.
203, 204, 1057—Loomis, A. G., Treas.
523, 1850, 1882b—Loomis, E. E., Pres., Memb. Bd. of Dir., Chman.
619—Loomis, L. E., Asst. Div. Eng.
1001a–Loomis, N. H., Gen. Solr
137c–Loomis, W. L., M. M.
705—Looney, J. O., Gen. Air Brk. Insp.
1001b–Looney, W. H., Car For.
808—Loos, L. K., Str. Kpr.
375—Loose, C. E., V.-Pres.
670—Lopez, F., Gen. Supt. Exp.
670—Lopez, J. G. M., M. M.
598—Lopez, M. J., Aud.
186—Lorch, J. A., Asst. Eng. Valua
1076—Lord, B. H., Traf. Mgr.
825—Lord, C. C., Aud.
1904—Lord, H. I., V.-Pres.
235—Lord, J. C., Div. Supt.
182—Lord, J. F., Asst. to Gen. Mgr.
415—Lord, J. H., V.-Pres.
77—Lord, M. W., Treas.
1078a–Lord, W. M. B., Gen. Mgr.
274, 1060a—Loree, J. T., V.-Pres. & Gen. Mgr.
274, 424, 472, 799—Loree, L. F., Pres. & Chman. Exec. Com., Chman. Bd. & Chman. Exec. Com., Pres.
299—Lorenz, H. C., Off. Eng.
1800a–Lorenz, M. O., Dir. Stat.
262—Lorenz, W. M., V.-Pres.
757—Lorenzen, H. C., Asst. Sig. Eng.
847—Lorimer, S., Gen. Sta.
176—Lorrraine, C., Gen. Bag. Agt
696—Losaw, W., Sig. Supvr. Const
751a–Lose, J., Mast. Carp.
705—Losh, C. F., Valua. Eng.
600—Loss, F. J., Sig. Insp.
619—Lossow, A. H., Commr. Coun.
776—Lostrom, E. W., Rd. For. Eng.
234—Lott, E. F., Supt.
927b–Lott, G. O., Rd. For. Eng.
827—Loudon, W. T., Gen. Mgr.
424—Louer, A. V., Asst. Gen. Mgr.
637—Lough, O. F., Aud.
428—Loughery, H. T., Gen. For. Loco. Dept.
523—Loughnan, F. N., Div. Eng.
186—Loughnane, G., Div. Eng.
1888—Loughridge, H. W., Pres.
204a–Lounsbury, B. F., Ch. Surg.
1001c–Lounsbury, H. E., G. F. A.
24—Lourimore, J. F., Gen. For. Mech. Dept.
342—Love, D., Supt. Air Brks.
137g–Love, H. G., Shop Supt.
872b–Love, H. T., Asst. Supt.
159—Love, J., Asst. M. M.

40c-Love, J. C., Rd. For. Eng.
439—Love, J. W., Gen. For.
278—Love, N. R., Ch. Eng.
439—Love, T. H., Rd. Mast.
629—Love, T. W., Gen. Rd. For. Eng.
58a-Love, W. E., Mast. Carp.
286f-Lovejoy, G. R., M. M.
1073a-Lovejoy, W. A., Supt.
700—Lovelace, F. L., Sec.
1029—Lovelace, T. B., V.-Pres.
351—Lovell, J. A., Traf. Mgr.
751a-Lovell, J. D., Supvr.
693a-Lovell, J. K., Asst. Frt. Clm. Agt.
737f, 748, 1020d—Lovell, L. A., Sec. & Aud., Aud., Sec. & Aud.
395—Lovely, J. F., Asst. Aud.
1900—Lovenberg, O. F., Sec.
616—Lovering, G. S., Prin. Asst. Eng.
1020c-Lovern, A. N., Rd. Mast.
1020c-Lovern, G. R., Rd. Mast.
1001—Lovett, R.S., Chman. of Bd.
229d-Loving, C. G., Aud.
847—Lovrien, J. C., Asst. G.P.A.
100—Lovvorn, E., Sec.
100—Lovvorn, J. L., Pres. & Gen. Mgr.
100—Lovvorn, R. M., Treas.
997—Lowd, J. B., Div. Str. Kpr.
751a-Lowdermilk, T., Mast. Carp.
58a-Lowe, A. L., Supvr. Rd.
186—Lowe, C. L., Aud. Exp.
275—Lowe, G. E., Gen. Rd. Mast.
137b-Lowe, J., Asst. Loco. For.
439—Lowe, J. D., Rd. Mast.
705—Lowe, J. M., Str. Kpr.
365—Lowe, J. M., Supvr. Trk.
875—Lowe, J. R., Supt. & Ch. Eng.
696—Lowe, J. S., B. & B. Supvr.
137b-Lowe, T. S., M. M.
139—Lowe, T. W., Gen. Boil. Insp
751c-Lowe, T. W., Gen. For. Loco. Rep.
1246—Lowe, W. T., G. F. A.
737—Lower, M. J., Asst. Gen. Mgr
42—Lowery, J. C., Rd. Mast.
847—Lowery, L. A., Div. Rd. Mast.
705a-Lowery, W. R., Trk. Supv.
58—Lowes, W. E., Asst. to Pass. Traf. Mgr.
203, 204—Loweth, C. F., Ch. Eng.
176—Lowmaster, A. T., Supt. Transp.
1474—Lown, C. H., Traf. Mgr.
382—Lowney, W., M. M.
195a-Lowry, J. A., Rd. Mast.
176—Lowry, O. E., Asst. G. F. A.
716—Lowry, T. F., Div. Supt.
716—Lowry. W. H., Trav. C.S.A.
1001a-Lowther, W. H., Div. Eng.
137b-Lowthin, H., Loco. For.
493, 705a—Loyall, G. R., Pres.
1007—Loyo, F. V., Ch. Eng.
670—Loyo, M. A., Div. Eng.
1883a-Lucas, A. N., V.-Pres.
705—Lucas, F. L., For.
1001a-Lucas, G., Rd. For. Eng.
209—Lucas, H., Aud.
342—Lucas, J. E., Asst. Eng.
1021—Lucas, L., Supvr.
58a-Lucas, W. D., Supvr. Rds.
623a-Luce, E. D., V.-Pres. & Gen. Mgr.
625b-Luce, G. M., V.-Pres.
930—Luce, G. W., Frt. Traf. Mgr.
623a-Luce, J. E., Asst. to Pres.
777—Luce, W. A., M. M.
623a-Luce, W. L., Pres.
616—Lucey, J. A., Traf. Mgr.
563—Lucey, W. E., Aud.
930—Lukeid, J. R., Rd. Mast.
927—Luckett, W. H., Asst. Aud.
58—Luckey, R. B., Asst. Treas.
628b-Luckie, G. O., Gen. Car For.
773—Lucore, D. D., Supt. Tel. & Sig
629—Lucy, M., Ind. Comr.
1424—Luddecke, R. R., Gen. Mgr.
771—Ludgate, B. A., Asst. Eng.
539—Ludlam, T. J., Aud.
619—Ludlum, J. T., Asst. Frt. Clm. Agt.
204a-Ludolph, W. M., Asst. Eng.
40a-Ludtke, F. H., Div. Str. Kpr.
693b-Ludwig, J. F., Rd. For. Eng.
428—Lufkin, J. E., Sig. Supvr.
629—Luhn, W. R., Asst. Eng.
386b-Luke, A. K., Treas.
386b-Luke, C. W., Pres.
386b-Luke, D. L., V.-Pres.
278—Luke, I. H., Gen. Mgr.
275—Lukens, E. T., R. E. & Tax Agt
382—Lukoskie, J., Dist. Rd. Mast.
931, 931a — Lull, H. M., Ch. Eng.
927—Lum, D. W., Spec. Valua. Eng.
176—Lummis, J. C., Sig. Insp.
302—Lumpkin, D., G. F. & P. A.
670—Luna, R. O., Div. Str. Kpr
322c-Lund, G. E., M. M.
382—Lund, S., Dist. Rd. Mast.
545—Lunday, C. G., V.-Pres. & Gen. Mgr.
1001a-Lunday, T. O., Supv. B. & B.
40a-Lundberg, C. H., Shop Supt.
159—Lundberg, E., Ch. Elec.
209—Lundquist, C., Rd. Mast.
1906—Lundy, E. A., Pres.
1598—Lunn, E., Ch. Elec.
1830—Lunn, G. R., Comr.
629—Lunsford, M., Rd. Mast.
787c-Lunsford, T. B., V.-Pres.
40—Lupton, G. W., Asst to V. Pres.
137c-Lupton, S. J., Ch. Boil. Insp.
597—Luque, C. I., Div. Supt.
931, 931a-Lusk, D. H., Asst. Mgr. Din. Cars, Hotels & Rest.
204a-Luskow, F. F., Rd. Mast.
496—Luttrell, S. B., V.-Pres.
1700—Lutz, C. A., V.-Pres.
182—Lutz, C. H., Gen. For.
137a-Lutz, F. C., Str. Kpr.
864—Lutz, J. C., Ch. Eng.
682—Lutz, P., Car For.
180—Lutz, S. G., Ch. Traf. Officer.
204a-Lutze, J. F., Trav. Eng
629—Lyberger, E., Rd. Mast.
716—Lyddon, H. A., Supt. Shop.
382—Lydon, J., Dist. Rd. Mast.
693b-Lye, W. R., Dist. Supt. M. P.
428—Lyford, L. L., Asst. Eng.
182—Lyford. W. H., V.-Pres. & Gen. Coun.
207—Lyle, C. E., Gen. For. Loco. Dept.
751—Lyle, D. O., Asst. Valua. Eng.
239—Lyles, J. B. S., V.-Pres.
692x, 693—Lyman, A. S., Valua. Coun., Gen. Atty. & Valua. Coun.
137e-Lyman, C. R., Dist. For. B. & B
195a-Lyman, G. P., Asst. G. F. A.
322b-Lyman, J., Trk. Supvr.
195b-Lyman, L. B., Gen. Dist. Supt.
1021—Lyman, W. T., Asst. Frt. Traf. Mgr.
97—Lyna, G. B., Str. Kpr.
949, 977 — Lynch, A. T., Pur. Agt.
751c-Lynch, D., Supvr.
195b-Lynch, D. E., Rd. Mast.
47—Lynch, G. G., Asst. Mech. Eng.
58a-Lynch, H. A., Asst. Div. Eng.
629—Lynch, J., Rd. Mast.
964—Lynch, J. A., G. F. A.
982b-Lynch, J. C., Sec.
547—Lynch, J. G., Frt. Clm. Agt.
229c-Lynch, J. H., Rd. Mast.
207—Lynch, J. H., Rd. Mast.
1703—Lynch, J. J., Supt. Plant.
209—Lynch, J. P., Trav. Eng.
629—Lynch, N. S., Sig. Supvr.
800—Lynch, W. J., Asst. Gen. Mgr
186, 209—Lynde, S. A., V.-Pres. & Asst. Sec.
693b-Lynett, J., Rd. For. Eng.
771—Lynn, S., M. C. B.
482—Lynn, T., Asst. to V.-Pres.
771—Lynn, W., Gen. For. Car Dept.
997a-Lyon, A., Trk. Supvr.
693c-Lyon, A. N., Supt.
696—Lyon, C. T., Asst. Eng. Constr.
137b-Lyon, G. F., Boil. Insp.
779a-Lyon, J., Pres.
777—Lyon, L., Aud., Traf. Mgr. & Supt.
289, 986a-Lyon, W. T., Car Acct.
137c-Lyons, A. E., Rd. Mast.
927a-Lyons, A. L., For. Paint.
628a-Lyons, C., Rd. Mast.
628a-Lyons, C. L., Asst. G. F. A.
716—Lyons, D. F., Gen. Coun.
627c-Lyons, E., Gen. Rd. Mast.
204a-Lyons, E. H., Div. Str. Kpr.
523—Lyons, F. J., Rd. For. Eng.
751—Lyons, J. J., Asst. Aud.
751a-Lyons, L. A., Asst. Supt. Rest. Serv.
1021—Lyons, M., Supvr.
1535—Lyons, W. E., Traf. Mgr.
298—Lytle, C. E., Gen. Mgr.
139f-Lytle, G. S., Asst. Supt.
968b-Lytle, H. G., Term. Eng.
194—Lytle, H. M., V.-Pres.

M

361—Maas, S. J., Res. Eng.
1525—Mabey, H. M., Gen. Traf. Mgr.
207—Mabile, J. B., Supvr. Work Equip.
139—MacAlister, J. N. K., Asst. Comr.
1849g-Macalister, A. W. G., Comr.
97—MacAnanny, J. R., G. F. A.
1670—MacArthur, H. W., Traf. Mgr.
139g-MacArthur, J. M., Supt.

802—MacArthur, R. L., Sec.
322a—MacAsy, J. R., Trk. Supvr.
97—MacAuley, R. F., Trk. Supvr.
693b—MacBain, D. R., Gen. Mgr.
1051—Macbeth, H. A., Supt. M.P. & Cars.
504b—MacCaul, J. H., Sec.-Treas.
654—MacColl, J. R., V.-Pres.
62—MacCready, R. H., Asst. to Pres.
58—Maccubbin, H.S., Asst. Aud.
137c—Macdonald, A. E., Supt.
139—MacDonald, A. S., Div. Str. Kpr.
97—MacDonald, C. M., Frt. Clm. Agt.
137a—Macdonald, D., Asst. Supt. Car Shops.
139—Macdonald, D. C., Asst. Gen. Clm. Agt.
600—MacDonald, G. C., Supt.
204a—Macdonald, J. A., Div. Supt.
1001a—MacDonald, J. R., Gen. Air Brk. Insp.
137b—Macdonald, L., Asst. Frt. Traf. Mgr.
97—MacDonald, N. J., Asst. Tr. Supvr.
137a—MacDonald, R., Str. Kpr.
229e—MacDonald, R. B., V.-Pres.
795—MacDonald, R.E., Ch. Eng.
693b—MacDonald, W. H., Gen. For. Eng. Hse.
17—MacDougald, S. F., M. M.
58—MacB., S., Supt. Ins.
1481a—MacElveny, A. W., V.-Pres.
693—Macfarlane, M., Gen. Fuel Insp.
137c—MacGillivray, A. M., Dist. Eng.
675a—MacGowan, J. K., V.-Pres.
137—MacGregor, J. B., Supt. Ry. Tel. Serv.
751b—Machin, E., Gen. For.
40b—Machovec, E.E., Mech. Supt
1849d—MacIlreith, R. T., Vice Chman.
1862—Macina, G. G., Sec. & Treas.
139—Macinnes, W. R., V.-Pres.
681a—Mack, A. F., V.-Pres.
275—Mack, D. F., Arch.
40c—Mack, H., Gen. For. Car Dept.
139, 629—Mack, H. E., Mgr. Mail Traf.
439a—Mack, H. L., V.-Pres.
439a—Mack, J., Supt. Line & Pow.
342—Mack, J. D., Asst. Eng.
927—Mackay, C. D., Asst. to V.-Pres.
1703—Mackay, C. H., Pres.
137c—MacKay, F. C., Rd. Mast.
723—Mackay, H. R., Sec.
382—Mackenroth, C.C., Loco. For.
716—Mackenroth, E. L., Asst. Supt. Tel.
382—MacKenroth, O.J., Loco. For.
751—Mackenson, Jr., C. T., Frt. Traf. Mgr.
207—MacKenzie, A., Frt. Traf. Mgr.
139—MacKenzie, A.C., Eng. M.W
137c—Mackenzie, H. A., Rd. Mast.
137a—Mackenzie, H. D., M. M.
886—Mackenzie, H. W., Aud.
137c—Mackenzie, J. J., Str. Kpr.
137b—MacKenzie, J. R., Dist. Eng.
133a—Mackenzie, T. G., Gen. Mgr.
696—Mackenzie, W. P., Asst. Eng.
195—Mackie, C. J., Str. Kpr.
40b—Mackie, F. J., Div. Supt.
596—Mackie, H. J. G., Pur. Agt.
97—MacKinnon, A. P., Gen. Solr.
139h—Mackintosh, C. D., Div. Eng.
696—Mackrille, A., Aud.
137b—MacLachlan, H. D., Str. Kpr.
137c—MacLachlan, J. G., Div. Eng.
286c—MacLachlan, J. W., G. F. A.
40—MacLachlan, J. W., Asst. Sec
137a—MacLaren, C. A., Elec. Supvr
137—MacLaren, C. P., Gen. Tie & Tim. Agt.
195b—MacLaren, M. F., Div. Supt.
425—Maclay, J. R., Car Acct.
494—Maclay, R. M., Sec.
1030—MacLean, A. D., Pres.
86a, 807, 867—Maclean, A. J., Gen. Pur. Agt., Asst. Sec. & Asst. Treas.
675a—MacLean, A. J., Pur. Agt.
808—MacLean, L. W., Elec. Supvr
437c, 457—MacLean, M. H., Pres.
625b—MacLeod, C. C., Gen. Mgr.
960—MacLeod, D. R., Sec. & Treas.
1433a, 1683a—MacLeod, D. R., Sec.
1910a, 1933—MacLeod, E. E., Sec., Chman.
97—MacLeod, L., Supvr. Sig.
137—MacLeod, R. F., Mgr. Tar. & Tkt. Bur.
274—MacMartin, J., Ch. Eng.
499—MacMillan, C., Sec.
499—MacMillan, J. H., Pres.
499—MacMillan, Jr., J. H., Treas.
139—Macnab, E. S. M., Car Lighting Eng.
139h—Macnabb, T. C., Supt.
731—MacNevin, M.G., V.-Pres.
137a—MacNutt, J. D., Asst. Supt.
40—Macomb, J. de N., Off. Eng.
696—Maconi, D., Trk. Supvr.
137c—Macpherson, I. A., Supt.
209—MacRae, G. H., G. P. Agt.
616—Mac Rae, J. A., Mech. Eng.
137c—Macrae, J. M., Asst. G.F.A.
1858a—MacRae, T. B., 2 V.-Pres.
139f—Macredie, J.R.C., Dist. Eng.
417—Macteer, K. S., Mgr.
417—Macteer, V. M., Asst. Supt.
139, 503, 676a—MacTier, A. D., V.-Pres., Pres.
751b—Macy, F. W., Asst. to Div. Eng.
198a—Macy, O. C., V.-Pres.
751b—Madara, W. B., For. Loc. Rep
927a—Madden, M. E., Supt.
629—Madden, T. P., Trav. Boiler Insp.
757—Madden, W., Div. Eng.
137a—Madden, W.T., Dist. Car For
157—Maddock, J. B., Eng. B. & B.
286f—Maddock, P. A., Car Acct.
176—Maddox, C. W., Ch. Car Insp.
176—Maddox P., Supt. Car Dept.
304—Madeira, P. C., Pres.
751a—Mader, C. W., Asst. Supvr. Tel. & Sig.
14a—Mader, J. P., G. F. & P. A.
507—Madigan, M., Rd. Mast.
115—Madigan, T., Supvr.
556—Madison, F. D., V.-Pres. & Gen. Atty.
931a—Madison, H. M., Agrl. Agt.
847—Madison, T., Div. Rd. Mast.
9—Madsen, A. N., Rd. Mast.
40b—Madsen, C. R., Gen. For.
9—Madsen, H., Rd. Mast.
325c—Madsen, H. R., Recr.
40—Maegly, F. C., Asst. G.F.A.
629—Maenner, L. T., Office Eng.
1058—Maer, O. E., Supt.
882a—Magenheimer, C.C., V.-Pres
699a—Magenheimer, C.E., V.-Pres.
882—Magenheimer, G. C., Sec.
882a—Magenheimer, G. J., Pres.
882a—Magenheimer, F. F., 2 V.-Pres.
847—Magers, E. L., Supt.
761—Maggard, E. H., Pres. & Gen. Mgr.
137c—Magiff, M., Supt. C. S. & Supt Tel.
695b—Maginn, J. J., M. M.
44—Maglenn, B. P., M. M.
563—Magoon, E., For.
1031c—Maguire, B. W., Pres.
523—Maguire, F., Div. Supt.
1933—Maguire, G. J., Ch. Tar. Bur.
523—Maguire, J. F., Gen. Mgr.
322a—Maguire, W. E., Trk. Supvr.
1800a—Mahaffie, C. D., Dir. Fin.
137c—Mahan, A. H., M. M.
847—Mahan, C.L., Gen. For. B. & B
204c—Mahan, C. R., Aud.
845—Mahan, G. A., Gen. Coun.
673—Mahan, J. H., Traf. Mgr.
467—Mahan, R. S., Gen. Supt. & Pur. Agt.
1051—Mahan, W., Supt. B. & B.
693a—Mahan, W. J., Rd. For. Eng.
176—Mahaney, J. E., Supt. Strs.
628a—Mahaney, J. T., Asst. Compt.
693a—Mahar, R. M., Supvr. Trk.
139h—Maharg, C. S., Supt.
58a—Maher, J. L., Dist. Eng.
382, 1908a—Maher, J.T., R. of W. Land & Tax Com., Pres.
886—Maher, W. D., Div. Str. Kpr.
930, 930a—Mahl, F. W., Gen. Pur. Agt.
698a—Mahoney, A., Rd. Mast.
1417c—Mahoney, F. H., Traf. Mgr.
629—Mahoney, F. T., Supt. Term.
191—Mahoney, J., Supvr. Trk.
40—Mahoney, J. J., Asst. to Supt. Trans.
600a—Mahoney, J. J., Supt.
666—Mahoney, J. T., Trk. Supvr.
195a, 737h—Mahoney, L. C., G. F. A., Traf. Mgr.
58b—Mahoney, T., Supvr.
549—Mahoney, W. C., Supvr.
549—Mahoney, W. J., Supvr. B. & B.
58b—Mahurd, F. S., Supvr. Rd.
207—Maier, C. R., Asst. to G.F.A.
195—Maier, J., Str. Kpr.
346—Maier, J. L., Supt. M. P.
316—Main, A. F., Mgr. Dir.
207—Main, F. W., Aud.
139c—Main, H. J., Supt.
157—Main, J. J., Supvr. Trk.
286a—Main, J. P., Gen. Mgr.
622—Main, R. D., Compt.

167—Maiuor, J. B., Supvr. Trk.
229—Maischalder, A. F., Asst. to Gen. Mgr.
314—Maisenbacher, P., Rd. Mast.
737f—Maison, R. S., C. S. Agt.
218a—Maitlen, F. W., Str. Kpr.
523—Major, C. A., Asst. Gen. Solr.
229—Malcolm, L. F., Asst. to Gen. M. C. B.
629—Malcolm, W. H., Aud.
984—Malcolmson, H. T., Gen. Mgr
382—Malenke, A. H., Supt. Shops.
847—Malette, H. L., Rd. For. Equip
123—Maley, W. E., Supvr. B. & B.
277a—Malin, P. K., Pres.
1009a—Malinowski, C. A., Mech. Supt. & Elec. Eng.
705a—Mallard, J. T., M. M.
1001—Mallette, J. E., Supvr. Mail Traf.
912—Mallette, S. A., Treas.
847—Malley, J. P., Gen. Boil. Insp.
137c—Mallinson, A., Loco. For.
1001c—Mallon, F. F., Rd. Mast.
1500a—Mallory, C. E., Gen. Supt.
137—Mallory, E. P., Dir. Stat.
157—Mallory, J. M., Gen. Ind. Agt
751a—Mallory, M. R., For. Car Shops.
136—Mallory, R. M., Rd. Mast.
466, 1057e—Malloy, A. C., Gen. Coun.
930—Malloy, J. B., Supvr. B. & B.
322a—Malloy, S. J., Div. Eng.
382—Malmgren, L. A., Aud.
824—Malmstrom, M. A., Aud.
137b—Malo, A., Rd. Mast.
636—Malone, C., Asst. Supt.
58b—Malone, C. A., Mast. Carp.
58—Malone, G. F., Supt. C.S.
646—Malone, I. F., Aud.
58b—Malone, J. J., Supvr. Rd.
58a—Malone, J. R., Supvr. Rd.
58a—Malone, R., Supvr. Rd.
1021—Maloney, J., Asst. G. P. A.
382—Maloney, J., Loco. For.
751a—Maloney, M. J., Rd. For. Eng.
40c—Maloney, P. J., Rd. For. Eng.
210, 273, 430, 737—Maloney, T. J., Gen. Mgr., V.-Pres. & Gen. Mgr., Gen. Mgr.
751c—Maloney, W. F., Supvr.
452—Maltby, G. E., V.-Pres.
452—Maltby, G. L., Gen. Mgr.
720—Maltby, R. B., V.-Pres. & Treas.
58b—Malthaner, W., Supt. M. P.
539—Mammen, G., Supt. Police.
489—Managan, W. H., Sec. & Treas.
198—Manahan, W., Rnd. Hse. For
960a—Manby, H. R., Ch. Eng.
693b—Manchester, P. E., Div. Eng.
137c, 137f—Manders, W. G., Frt. Traf. Mgr.
275—Manderson, A. R., Gen. Insp.
751a—Mandeville, H., Gen. For.
151a—Maneely, A., Rd. Mast.
666—Maney, H. G., Asst. Compt.
298—Maney, J., G. P. A.
666—Maney, J. T., Car Acct.
359, 933a—Mang, J. E., Treas.
929a—Mange, J. I., Pres.
895—Mangerson, W., M. M.
931a—Mangham, J. C., Asst. to Traf. Mgr.
41—Mangham, J. R., Asst. Supt. Trans.
314—Mangold, J. H., G. F. A.
204b—Manley, A. F., Rd. Mast.
229—Manley, H. D., Rd. For. Eng
847—Manley, R. P., Div. Str. Kpr.
774a—Manley, W. J., Asst. to Pres.
847—Manlove, S. G., Rd. For. Equip.
248—Mann, A. B., Sec.
157, 428—Mann, A. C., V.-Pres.
629—Mann, B. H., Sig. Eng.
927—Mann, C. H., Supt. Scales.
546—Mann, E. C., Aud.
695—Mann, E. M., Ch. Clm. Agt. & Ch. Sal. Agt.
547—Mann, E. O., Treas.
47—Mann, E. Z., Air Brk. Inst.
757—Mann, F. E., Car For.
1076c—Mann, F. H., Gen. Mgr.
1001d—Mann, H. C., Asst. Ch. Eng.
417—Mann, H. E., Aud. & Traf. Agt
1001b—Mann, I. B., Rd. For. Eng.
85—Mann, I. T., V.-Pres.
1522—Mann, J. J., Traf. Mgr.
286a—Mann, J. R., Supt. Trans.
58b—Mann, R. B., Supt. Trans.
751b—Mann, R. M., For. Car Rep.
931a—Mann, W. R., Asst. Supt.
137—Manning, C., Asst. to V.-Pres.
322—Manning, G. C., Frt. Traf. Mgr.
696—Manning, J. F., Fuel Agt.
563—Manning, M. C., Frt. Clm. Agt.
274—Manning, W. J. H., Div. Eng.
176—Mannix, J. M., Gen. For.
716—Manor, E. R., Asst. Eng. Tests
186—Mansfield, C. C., Asst. Supvr. Sig.
1026—Mansfield, C. J. Sec.
62—Mansfield, H. F., Supt. B. & B.
1040—Mansfield, J. D., G. F. A.
159—Mansfield, J. J., Ch. Boiler Insp.
1606—Mansfield, R. J., Traf. Mgr.
274—Mansfield, W. H., Devel. Eng.
1001b—Manson, E. C., Supt.
207—Manson, E. F., Div. Eng.
1601—Manson, F. M., Traf. Mgr.
322a—Mantell, J. J., V.-Pres.
132c—Manter, A. H., Supt.
23—Mantooth, E. J., Gen. Atty.
959—Mantooth, H. S., Aud.
159—Mapes, S. L., Asst. Eng.
305b—Marcellus, F. A., Treas.
137c—Marchin, W. J., Rd. Mast.
508—Marcinak, J. J., Gen. Pass. Agt.
137b—Marcoux, J. R., Loco. For.
828—Marcum, G. T., M. M.
629—Marcum J. L., Sig. Supvr.
503—Marcus, L. E., Supt.
229e—Marcussen, M., Clm. Agt.
96—Marcy, J. H., Supt. Din. Serv
563—Marden, J. E., Ch. Car Insp.
200—Mardorf, H. R., Asst. Sec. & Asst. Treas.
979a—Marenko, S. M., Rd. Mast.
600—Margetts, H. L., Asst. Supt.
600—Margraf, P., Rd. Mast.
395—Marick, G. L., Off. Eng.
186—Mariga, J., Sec. Pens. Bd.
127—Maring, J. C., G. F. & P. A.
737a—Marion, A. F., Ch. Eng.
931a—Marion, P. P., Rd. Mast.
180—Markert, J. F., Supvr.
886—Markett, F. S., M. M.
751a—Markey, H. J., For. Mach. Shops.
1921—Markey, I. G., Mgr.
157, 428, 1860—Markham, C. H., Chman., Pres., Exec. Comm. Chman.
927b—Markham, J. T., Gen. For. Car Rep.
629—Markham, M. C., Asst. to V.-Pres.
939—Markland, G. L., V.-Pres.
1060—Markle, A., Pres.
1060—Markle, Jr., A., Sec. & Treas.
1060—Markle, E. B. C., Asst. Gen. Mgr. & Pur. Agt.
229—Markley, F., Asst. Rd. For. Eng.
980—Markley, J. H., Mast. B. & B.
751—Markley, W. L., Asst. Aud.
930—Markley, W. R., Rd. Mast.
176—Markll, C. T., Rd. For. Eng.
176—Marks, C. L., Asst. Supvr. B. & B.
696—Marks, G., Asst. to Gen. Mgr.
235—Marks, J. B., V.-Pres.
96—Markward, J. J., Aud.
97—Marland, C. N., Asst. Treas.
737f—Marler, H. O., Asst. Pass Traf. Mgr.
751b—Marlow, G. A., Ch. Car Insp.
139—Marlow, W. T., Gen. Forn. Frt. Agt.
58b—Marney, J. D., Asst. Frt. Traf. Mgr.
180—Maroney, T. J., For. Loco. Rep.
207—Maroney, T. P., Gen. For. Loco. Dept.
180—Marquette, J. L., Supt.
619—Marquette, W., Rd. Mast.
212—Marquez, B., Mech. Supvr.
751a—Marr, L. K., Div. Supt.
629—Marriott, G. W., Insp. Trans.
797—Marrs, J. F., Gen. Atty.
428—Marsalis, H. L., Auto. Weld. Supvr.
1070—Marsch, J., Pres.
1070—Marsch, N., Sec. & Treas.
697—Marsden, G., Tax & Clm. Agt
40b—Marsh, B. F. E., Asst. G. F. A.
195a—Marsh, C. E., Rd. For. Loco
1046—Marsh, E. A., M. M.
186—Marsh, E. P., Supt. Car Shops
1051—Marsh, E. S., Gen. Str. Kpr.
198—Marsh, G. F., Str. Kpr.
574—Marsh, H., Ch. Eng.
58a—Marsh, H. H., G. F. A.
1046—Marsh, O. W., Gen. Supt.
574—Marsh, P., Treas. & Aud.
58a—Marsh, P. D., Rd. For. Eng.
933a—Marsh, W. H., Prin. Asst. Eng.
808—Marsh, W. M., Str. Kpr.
629—Marshall, A. L., For. Car. Dept.
1833—Marshall, C. C., Chman.
382—Marshall, E., Elec. Eng.
981—Marshall, E. J., Gen. Solr.

825—Marshall, F. A., V.-Pres.
1021—Marshall, F. V., Asst. Eng.
696—Marshall, H. A., Sta.
195—Marshall, H. S., Valua. Eng.
1850h-Marshall, J., Spl. Rep. Frt. Clm. Div.
716—Marshall, J. A., M. M.
180—Marshall, J. F., Pur. Agt.
927b-Marshall, J. J., Asst. Eng. Maint.
629—Marshall, J. M., Supvr. Water Serv.
40a-Marshall, J. V., Div. Fuel Supvr.
751—Marshall, J. W., Asst. Sec. & Asst. Treas.
931a-Marshall, K. C., Asst. Supt.
629—Marshall, L. C., Asst. Eng.
504a-Marshall, L. L., Gen. Supt.
382—Marshall, R., Asst. Sig. Supvr
678—Marshall, R. M., Gen. Mgr.
176, 413—Marshall, R. S., Asst. to Pres.
209—Marshall, T., Gen. M. M.
279, 821—Marshall, T. H., Asst. Treas., Pres.
705a-Marshall, W. A., Asst. G. F. A
927a-Marshall, W. B., Trk. Supvr
137c-Marshall, W. B., Loco. For.
668—Marshall, W. H., Pres.
514a-Marshall, W. T., Aud.
628a-Marshall, W. W., Dist. Eng.
916—Marston, F. C., Sec. & Treas.
1001a-Martens, H. E., Rd. Mast.
176—Martenstein, A. W., Aud.
34—Martin, A., Supt.
1001c-Martin, A. C., Asst. G. P. A.
886—Martin, A. D., Gen. For. Loco. Dept.
200—Martin, A. M., Rd. For. Eng.
1051—Martin, A. P., Asst. Gen. Atty.
927—Martin, A. T., Aud.
229—Martin, A. W., Supt. Shops.
384—Martin, C., Gen. Atty.
693a-Martin, C. B., Transmission Eng.
720—Martin, C. B., Sec. & Asst. Treas.
58a-Martin, C. G., Asst. to Gen. Mgr.
886—Martin, C. G., Div. Str. Kpr.
693b-Martin, D. C., Supvr. Trk.
137c-Martin, E. B., Str. Kpr.
1892—Martin, E. E., Sec. & Treas.
195b-Martin, F., Gen. For.
437—Martin, F. D., Aud.
984—Martin, G. C., Gen. Traf. Mgr.
886—Martin, G. G., Rd. Hse. For.
82—Martin, G. G., Asst. Eng.
617a-Martin, G. L., Sec.
382—Martin, G. R., V.-Pres.
204—Martin, G. T., Asst. to Gen. Supt. M. P.
176—Martin, G. W., Supvr. Track.
54—Martin, G. W., Aud.
137—Martin, H. C., Gen. Frt. Traf. Mgr.
751b-Martin. H. P., For. Car. Shops.
137g-Martin, H. R., Gen. Atty.
797—Martin H. W., Traf. Mgr.
693c-Martin, I. O., Shop Supt.
693b-Martin, J. B., Gen. Insp. Trk.
1024a-Martin, J. E., Traf. Mgr.
382—Martin, J. E., Loco. For.
1284, 1558—Martin, J. H., Supt. Car Serv.
302—Martin, J. M., Aud.
468—Martin, J. P., Supt.
440—Martin, J. Q., Asst. Gen. Supt.
1701—Martin, J. R., Mgr. For. Dept.
229—Martin, J. T., Trk. Supvr.
432—Martin, L. B., Gen. Supt.
439, 629—Martin, L. E., Supt. Din. Cars, Supt. Par. & Din. Cars
435—Martin, L. R., Traf. Mgr.
667—Martin, L. R., Asst. Sec.
958a-Martin, L. T., Comr.
696—Martin, M. C., Tr. Supvr.
613—Martin, N. T., Asst. Gen. Mgr.
616—Martin, N. W., Gen. Boil. For.
159—Martin, R. D., Asst. Eng.
137a-Martin, R. H., Supt.
342—Martin, R. H., Valua. Eng.
1835—Martin, R. W., Comr.
139e-Martin, T., Div. Eng.
549—Martin, T. H., Supvr. B. & B.
382—Martin, T. J., Mast. Carp.
629—Martin, W., Mech. Insp.
1585—Martin, W., Traf. Mgr.
757—Martin, W. E., Asst. Treas.
751b-Martin, W. H., For. Car. Rep.
707—Martin, W. J., Ch. Eng. M. S.
924—Martin, W. J., Pres.
101—Martin, W. L., Sec.
693b-Martin, W. L., Gen. For. Eng. Hse.
139h-Martin, W. P., Asst. Supt.
33—Martin, W. S., Pres.
556—Martin, W. W., Aud.
927a-Martindale, R. H., Jr. Eng. Maint.
670—Martinez, P. E., Div. Supt.
670—Martinez, S., M. M.
40b-Martini, R. C., Asst to Gen. Mgr.
40c-Martins, W. F., Gen. For. B. & B.
204a-Martinson, A. M., Div. M. M.
1040—Marty, J., For. Paint.
930—Martyn, C. W., Asst. Supt.
695c-Martz, E. R., Supt. Tel.
186—Marx, E., Gen. For.
1700—Marx, H. S., Gen. Coun.
47—Marye, R. W., Div. Eng.
886—Masengill, T. T., Asst. G. F. A
737c-Masengill, W. T., Supt. & G. F. & P. A.
807—Maslin, T. A., M. M.
186—Maso, F., Rd. Mast.
234—Mason, B. D., Mast. Paint.
507—Mason, C. D., Sec.
40a-Mason, C. L., Div. Supt.
727—Mason, C. N., Pres.
847—Mason, C. T., Supt.
751a—Mason, E. F., Asst. M. M.
272a, 1040—Mason, E. W., V.-Pres., V.-Pres. & Gen. Mgr.
43—Mason, F. T., Pres.
204b-Mason, G. O., Insp. Strs.
527—Mason, H. G., Supt. Trans.
930—Mason, J. D., G. P. A.
159—Mason, J. H., Rd. For. Eng.
751—Mason, J. L., Asst. Sec.
632—Mason, J. S., Trk. Supvr.
176—Mason, R. A., Supvr. Term.
876—Mason, S. E., Asst. Gen. Mgr.
603—Mason, W. A., Supt. Term.
808—Mason, W. C., Asst. Gen. Solr
1061—Mason, W. C., Ch. Eng.
835a-Mason, W. H., Pres., Gen. Mgr. & Pur. Agt.
1067—Mason, W. H. W., Pur. Agt.
40c-Massa. B. E., Gen. For. Car Dept.
137b-Masse, O., Asst. Supt.
395—Massenberg, W. G. Div. Eng.
751a, 1887—Massey, R. V., Gen. Mgr., V.-Chman.
681a-Massie, J. A., Ch. Surg.
549—Massie, J. F., Sig. Supvr.
137d-Massie, W. E., Mech Supt.
875—Masson, L. J., Sec. & Aud.
808—Mast, S. H., Supvr. Sig.
1020c-Masten, G., Supt.
186—Masters, A. M., Asst. Div. Supt.
629—Masters, E. G., Rd. Mast.
314—Masters, F. H., Asst. Ch. Eng.
241b-Masters, G. H., Pres.
705—Mastin, J. S. Rd. For. Eng.
229—Matheney, W. M., Trk. Supvr
438a-Mather, C., Supt.
696—Mather, E. J., Pass. Asst.
58—Mather, R., Dist. Eng.
506—Mather, Jr., S. L., V.-Pres.
139f-Mather, W. A., Gen. Supt.
507—Mather, W. G., Pres.
277—Mather, Z. L., Aud.
137c-Matheson. D., B. & B. Mast.
716—Matheson, J. W., M. M.
882—Mathews, A. S., Mast. Carp.
751b-Mathews. Jr., C. H., G. P. A.
549—Mathews, C. W., M. M.
322a-Mathews, F. V., Aud.
629—Mathews, G., Rd. Mast.
139—Mathews, H. F., Gen. Supt. S. D. & P. Cars.
388b-Mathews, J. S., Aud. & Pur. Agt.
1336—Mathews, J. W., Traf. Mgr.
275—Mathews, M. J., Brdg. Insp.
1830a-Mathews, P., Ch. Ex. Off.
560, 884, 886—Mathews, T. W., Treas., Asst. Sec. & Asst. Treas.
1803—Mathewson, H. G., Sec.
961—Mathewson, J. A., Gen. Mgr.
751b-Mathey, G. F., Supvr.
186—Mathiasen, G., Rd. Mast.
204b-Mathiesen, E. D., Rd. Mast.
697—Mathieson. W. F., Asst. Sec. & Treas.
81—Mathiott, G. S., Car Acct.
547—Mathis, L. H., Asst. G. F. A.
428—Mathis, R., Supvr. B. & B.
619—Mathison, R., Rd. Mast.
137b-Mathison, W. J., Asst. Supt.
139f-Matson, C. E., Rd. Mast.
1892—Matson, F. W., Comr.
82—Matson, J. S., Asst. to Gen. Mgr.
629—Matson, W. A., Asst. Eng.
176—Mattern. A. L., Asst. Aud.
204a-Mattes, C., Sig. Insp.
286—Matteson, A. S., G. F. & P. A.
996—Matteson, C. L., Aud.
1021—Matthes, J., Ch. Car Insp.
724—Matthews, C. A., Elec. Eng.

693b—Matthews, D. T., Dist. Str. Kpr.
1808—Matthews, E. S., Comr.
413—Matthews, F. A., Supvr. Trk.
579, 607—Matthews, F. C., Traf. Mgr.
860, 860a—Matthews, G. B., Asst. to V.-Pres.
137b, 1021—Matthews, H. W., Supt.
395—Matthews, J., Tel. Mgr.
425—Matthews, J. W., Treas.
566—Matthews, L., Sec.
751b—Matthews, S. C., Asst. Frt. Traf. Mgr.
207—Matthews, T. A. Asst. G. F. A
475—Matthews, V. D., Car Acct.
726a—Matthews, W., Ch. Eng.
278—Matthews, W. G., Supt. Ways & Const.
964—Matthias, J. S., Gen. Str. Kpr.
204a—Mattice, O. A., Trav. Eng.
186—Mattis, J., Rd. For. Eng.
413—Mattoon, W. L., R. E. & Tax Agt.
1021—Mattox, W. E., Asst. G. F. A.
139f—Mattson, C. E., Rd. Mast.
451—Matus, M. L., Supt.
286—Matuzak, C., Asst. Rd. Mast.
204a—Mau, D., Rd. Mast.
1924—Mau, W. R., Sec. & Treas.
1024a—Mauaro, M. Rd. Mast.
139—Maughan, W., Steamship Pass. Mgr.
960a—Maule, E. L., M. M.
927b—Mauldin, A. T., Gen. For. Car Rep.
927—Mauldin, G. E., Asst. Sec.
498—Mauldin, S. R., M. M.
681a—Maule, W. M., Treas.
47—Maull, C. A., Asst. G. F. A.
1833—Maullar, F. B., Comr.
958a—Maund, W. H., Sec., Treas. & Asst. to Chman.
927a—Mauney, C. L., Supvr. B. & B.
927a—Mauney, J. L., Supvr. B. & B.
986a—Maupin, J. D., Supt. M. P. & Equip.
619—Maurer, H. W., Asst. Supt. Car Dept.
693a—Maurice, W. C., Dist. Eng.
596a—Maurin, J. A., Supt. M. P.
382—Maurstad, J. H., Supt. Boarding Cars.
137c—Mavor, C., Str. Kpr.
137b—Maw, C. F., Loco. For.
478—Mawer, T. F., Pres.
479—Maxcy, J. S., Pres.
878—Maxcy, J. S., Recr.
705—Maxey, C. D., Rd. For. Eng.
695a—Maxfield, C. E., Div. Supt.
58a—Maxfield, F. G., Gen. For. Loco. Dept.
751a—Maxfield, H. H., Supt. M. P.
964—Maxfield, W. E., Rd. For. Eng
395—Maxson, W. E., Asst. Gen. Mgr.
927a—Maxton, F. V., Asst. Eng. Maint.
696—Maxwell, A. A., Comr.
1831—Maxwell, A. J., Comr.
38b—Maxwell, C. D., Asst. Rd. For. Eng.
137c—Maxwell, E. C., Str. Kpr.
1021—Maxwell, F. G., Asst. to V.-Pres.
695—Maxwell, G. H., Valua. Eng.
696—Maxwell, H. W., Div. M. M.
400, 706—Maxwell, H. W., Pres.
195a—Maxwell, H. W., Div. Supt.
751—Maxwell, H. Z., Asst. Gen. Solr.
137b—Maxwell, J., Str. Kpr.
927a—Maxwell, J. A., Insp. of Maint.
549—Maxwell, J. D., Div. M. M.
14—Maxwell, L. C., Eng. M. W.
693—Maxwell, M. R., G. F. A.
751c—Maxwell, O. E., Rd. For. Eng
106—Maxwell, S. W., Pres.
927a—Maxwell, W., Asst. to Gen. Supt.
1021—Maxwell, W. C., V.-Pres.
648—Maxwell, W. H., Supvr. Trk. & Bldgs.
629—May, A. D., Asst. Eng.
927b—May, A. J., Term. Supt.
695d, 696, 699—May, A. S., Treas.
751c—May, E. H., Asst. Div. Eng.
886—May, E. S., Asst. Str. Kpr.
137c—May, F. W., Str. Kpr.
58, 59—May, G. F., Asst. Sec.
927a—May, G. T., Trk. Supvr.
349, 1922—May, R. L., Supt. Trans., V.-Pres.
137c—May, S. C., Boil. Insp.
670—Mayagoitia, M. S., Div. Supt.
693b—Mayer, A. W., Gen. For. Car Shops.
209—Mayer, C. F., For. Paint.
176—Mayer, D., Mgr. Mail & Exp. Traf.
927—Mayer, F. A., Gen. Mast. Boilermaker.
751a—Mayer, F. G., Supvr. Tel. & Sig.
619—Mayer, G. H., Div. Supt. Tel.
716—Mayer, G. J., Asst. Gen. Aud.
886—Mayer, G. M., Mast. Carp.
744—Mayer, S., Treas.
1888—Mayer, W. J., Sec. & Treas.
751, 776—Mayer, W. W., R. E. Agt.
229a—Mayers, C. J., Sec. & Treas.
437c—Mayham, A. J., Mech. Supt.
344a—Mayhew, B. A., Supt.
198—Mayhew, F. U., Eng. M. W.
1040—Maynard, B. F., Rd. Mast.
705—Maynard, H., Rd. Mast.
1039—Maynard, W. H., Clm. Atty.
666—Maynes, G. L., Mgr. Din. Cars
428—Maynor, C. A., Rd. Mast.
428—Maynor, H., Supvr.
629—Maynor, J. G., Rd. Mast.
33b—Mayo, C., Pres.
97—Mayo, F. C., Div. Supt.
141—Mayo, H. A., Rd. Mast.
931, 931a—Mayo, H. M., Supt. Safety.
322—Mayo, K., Asst. Gen. Land & Tax Agt.
137c—Mays, A., M. M.
931—Mays, C., Rnd. Hse. For.
428—Mays, F. R., Gen. Supt.
1006b—Maze, H. T., Supt. Int. Bus. Lines.
137g—Mazurette, E., M. P. & Car For.
279—McAbee, H. W., Supt. Div. Car & Hotel Dept.
1003—McAbee, W. S., Gen. Supt.
137b—McAdam, J. S., Asst. Supt.
139a—McAdam, R., Supt.
207—McAdams, M. B., Rd. Mast.
207—McAdams, W. J., Mast. Carp.
664, 930—McAllaster, B. A., Pres., Land Comr.
716—McAllister, D. C., Asst. Air Brk. Insp.
279, 821—McAllister, H., Gen. Coun.
693a—McAllister, J., Gen. For. Loco. Dept.
137b—McAlpine, J. H., Supt. M. P. & Car Equip.
779—McAlpine, J. H., Car Acct.
629—McAmis, W. H., M. M.
628a—McAnaney, P. A., Supply Tr. Supvr.
82—McAndrew, R., Gen. Str. Kpr.
994—McAndrews, J., G. F. A.
186—McAndrews, P. J., Rd. Mast.
1830a—McAneny, G., Chman.
1818—McArdle, F. J., Ch. Rates.
696—McArdle, M. B., Trk. Supvr.
207—McArthur, C. R., Gen. For. Car Dept.
662b—McArthur, L. D., Supt.
666—McArthur, R. H., Div. Eng.
279—McAtee, P. B., Asst. G. F. & P. A.
137c—McAuley, J. W., Loco. For.
629—McAuliffe, C. E., Rd. For. Eng.
847—McAuliffe, W. A., Asst. Treas
930—McAvoy, I., Asst. Div. Eng.
274—McAvoy, J., Valua. Eng.
947—McBean, A. L., Pres.
137a—McBeath, T. W., M. M.
195b—McBride, C. H., Rd. For.
931—McBride, C. J., Rnd. Hse. For.
40—McBride, E., Asst. Sec. & Transf. Agt.
1801a—McBride, F. J. K., Sec.
527—McBride, I., Str. Kpr.
428—McBride, J. D., Supvr. B. & B.
886—McBride, J. N., Gen. Agri. Agt.
189—McBride, J. S., Valua. Eng.
195b—McBride, L. C., Asst. Div. Supt.
969—McBride, L. W., Supt. Term.
245a—McBride, M. B., Aud. & Asst. Treas.
778—McBride, P. B., Asst. to Recr.
751b—McBroom, J. F., For. Car Rep.
96—McCabe, E., Supvr. B. & B.
751b—McCabe, E. W., Asst. G. B. A
927a—McCabe, F., Term. Supt.
751—McCabe, G. S., Asst. to Traf. Mgr.
40, 40a—McCabe, J. H., G. F. A.
751a—McCabe, J. M., Rd. For. Eng.
629—McCabe, L. A., Rd. For. Eng.
428—McCabe, L. E., Supt.
58—McCabe, O. L., Asst. Eng.
157—McCafferty, W. A., M. M.
664, 930—McCaffery, F. L., Aud.
58b—McCafferty, E. F., Gen. For. Loco Dept.
58c, 935—McCaffrey, J. A., Rd. For. Eng.
514—McCaffrey, J. B., Mgr. & Asst. Sec.
847—McCaffrey, M. J., Gen. For. Car Dept.

58—McCahan, J. C., Mgr. Mail & Express Traf.
47, 719, 1068—McCaig, W. D., Compt., Asst. Aud., Gen. Aud.
157—McCaleb, D., Sig. Insp.
751—McCaleb, W. B., Eng. Water Serv.
716—McCall. H. J., Div. Rd. Mast.
204c—McCall, F. F., Gen. Str. Kpr.
629—McCall, S. A., Rd. Mast.
207—McCallum, H. B., Sig. Supvr
139—McCallum, H. M., Asst. G. P. A.
139d—McCallum, J., B. B. Mast.
693a—McCallum, N. W., Div. Elec. Eng.
930—McCandless, C. W., Supvr. B. & B.
382—McCandless, R. A., Div. Supt
930—McCann, C., Rd. Mast.
616—McCann, E. F., For. Rd. Hse.
1035—McCann, G. G., Aud. & Treas.
260, 950—McCann, H. J., Gen. Mgr.
195—McCann, J. K., Str. Kpr.
808—McCann, T., Str. Kpr.
1812—McCardle, J. W., Chman.
547—McCarra, M. F., M. M.
327—McCarran, P. A., Gen. Atty.
342—McCarrel. H., Arch.
693a—McCart, W. T., Tie Treat. Insp.
1597—McCarter, T. N., Pres.
751c—McCarthy, C., Supvr.
58b—McCarthy, C. D., Supvr. Rd.
632, 927—McCarthy. C. E. A., Sec.
204a—McCarthy, C. J., Ch. Carp.
279—McCarthy, D. C., Rd. For. Equip.
1594a—McCarthy, D. F., Traf. Mgr.
123—McCarthy, D. W., Asst. Supt.
382—McCarthy, F., Dist. Rd. Mast
199—McCarthy, F. C., Traf. Mgr.
716—McCarthy, F. D., Gen. Atty.
693a—McCarthy, F. J., Str. Kpr.
632—McCarthy, H., Supt.
137b—McCarthy, J., Rd. Mast.
808—McCarthy, J., Supvr.
139c—McCarthy, J., Rd. Mast.
139b—McCarthy, J. A., V.-Pres. & Gen. Mgr.
1001c—McCarthy, J. J., Rd. For. Eng.
472—McCarthy, P. J., Rd. Mast.
629—McCarthy, P. J., Asst. G. F. A
123—McCarthy, T. C., Asst. Supt.
751c—McCarthy, T. J., Supvr.
207—McCarthy, T. W., Supt. M. P
1859—McCarthy, W. J., Treas.
157—McCartney, J. D., Asst. to Pres.
342—McCartney, J. L., Aud.
334—McCartney, J. P., Gen. Coun.
673—McCartney, S. H., V.-Pres. & Gen. Mgr.
207—McCartt, J. R., Asst. Sig. Supvr.
472—McCarty, C. E., Insp. Trans.
350, 739c, 1005a—McCarty, O. H., V.-Pres. & Gen. Supt., V.-Pres.
274—McCarty, Jr., R. J., Supt.
1051—McCarty, W. T., Asst. Rd. For. Eng.
127—McCarvel, T. J., Supt. M. W. & S.
549—McCaskill, J. K., Asst. Div. Supt.
1814—McCaughan, G. L., Sec.
413—McCaughan, J. C., Gen. Str. Kpr.
186—McCauley, F. F., Div. Supt.
716—McCauley, H. W., Rd. Mast.
716—McCauley, P. H., Gen. Supt. Trans.
583—McCauley, T. N., Pres.
751b—McCauley, W., Rd. For. Eng.
693b—McCauliff, W. T., Str. Kpr.
1039—McCaulley, E. L., Asst. G. F. A.
382—McCaustland, H., Car For.
186—McCaw, R. J., Eng. Hse., For.
389—McCharles, A. D., Loco. For.
195a—McChesney, G. C., Rd. For. Loco.
40b—McClain, H., Gen. For.
886—McClain, J. B., Eng. Brdg.
751—McClain, T. F., Asst. R. E. Agt.
549—McClanahan, S. E., Supvr. B. & B.
207—McClanahan, S. L., Div. Eng.
931a—McClannahan, E., Asst. G. F. & P. A.
751c—McClaren. R., Supvr.
137c—McClay, M., Loco. For.
1873—McClees, E. J., Sec.
751b—McClellan, A. W., Eng. M. W
47—McClellan, G. B., Dist. Supt.
751c—McClellan, L. N., Supvr.
1906—McClellan. R. L., Pres.
629—McClellan, W. O., Div. Str. Kpr.
58b—McClelland, L. S., Str. Kpr.
92a—McClelland, R. L., Pres.
927b—McClendon, H., Trk. Supvr.
1349—McClintic, E. C., Traf. Mgr.
751a—McClintock, E. F., Mast. Carp.
689—McCloskey, B., Treas.
394a, 492—McCloskey, C. E., M. M.
498—McCloskey, W. J., Gen. For. Car Dept.
46—McCloy. E. J., Str. Kpr.
964, 968b, 1034—McClung, F. S., Pur. Agt.
1031b—McClure, C. A., Sec.
207—McClure, D., Asst. G. P. A.
186—McClure, E. B., Div. Supt.
394a—McClure, F. M., Asst. G. P. A.
1482—McClure, G. T., Traf. Mgr.
137a—McClure, J. H., B. & B. Mast.
433—McClure, J. H., Recr.
545—McClurken, J. R., G. F. & P. A
974, 1040—McClymonds, J. W., Mgr. Perish. Frt. Dept., Mgr. Perish. Frt. Serv.
705—McColgan. H. B., For.
440—McColgin, H. F., Aud.
137b—McColl, D., Supt. Trk.
639a—McColloch, R., Pres.
439a—McCollum. J. C., Asst. Sec. & Asst. Treas.
58—McComas, J. Q., Asst. Treas.
382—McComb, H., Loco. For.
137c—McConachie, W. G., M. M.
204a—McConahay, J. F., Sig. Supvr
137—McConnell, A. C., Sec. & Gen. Mgr.
1810—McConnell, A. M., Sec.
771—McConnell, C. H., Elec. Eng.
186—McConnell, C. S., Rd. Mast.
157—McConnell, F. D., G. F. A.
434—McConnell, H. A., Treas.
705—McConnell, J. B., Rd. Mast.
139d—McConnell, S. B., Dist. Eng.
628b—McCool, R. V., Str. Kpr.
439—McCord. T. C., Div. Eng.
695b—McCorkle, G. C., Rd. Mast.
47—McCorkle. T. S., Comsy. Agt
189—McCormack, C., Supt. Tel.
693a—McCormack, F. E., Gen. Supt.
927b—McCormack, J. E., Gen. For.
847—McCormack, J. L., Supt. Frt. Loss & Damage Clms.
675—McCormack, M., M. M.
1584—McCormack, W. V. C., Traf. Mgr.
164b—McCormick, C. T., Sec. & Treas.
531—McCormick, F. H., V.-Pres.
808—McCormick, F. R., Str. Kpr.
438, 930—McCormick, G., Mech. Eng., Gen. Supt. M. P.
930—McCormick, G. F., Asst. Div. Eng.
549—McCormick, G. K., Asst. Eng.
137c—McCormick, H. P., Rd. Mast.
808—McCormick, H. R., Aud.
927a—McCormick, J. E., Asst. Gen. For. Car Rep.
14—McCormick, R. S., Gen. Supt. & Ch. Eng.
198—McCormick, T., Trk. Supv.
122—McCormick, V. C., Pres.
931a—McCormick, W. C., G. P. A.
1051—McCort, J. A., Aud.
137c—McCowan, A., Asst. Gen. Supt. Car Equip.
771—McCowin, J., Sig. Supvr.
137a—McCoy, G. E., Supt. Car Equip.
751a—McCoy, J., Supvr.
708—McCoy, J. A., Aud. & G. F. & P. A.
631—McCoy, J. A., Asst. to Pres.
40b—McCoy, J. B., Div. Str. Kpr.
82—McCoy, L. W., Asst. Gen. Aud.
171—McCoy, M. P., M. M.
463—McCoy, O. F., Sec. & G. F. & P. A.
847—McCoy, S. E., Rnd. Hse. For.
751c—McCoy. W. F., Supvr.
139g—McCracken, E., Rd. For. Eng
930—McCracken, H. J., M. M.
751a—McCracken, I. S., For. Car Shops.
47—McCranie, R. A., Gen. Supt.
59—McCrary, C. H., Str. Kpr.
137b—McCraw, D. F., Asst. Ch. Clm. Agt.
930—McCraw, J. W., Rd. Mast.
286—McCray, J., Asst. to V.-Pres. & Gen. Mgr.
139d—McCrea, E., Rd. Mast.
139d—McCrea, R., Rd. Mast.
40b—McCready, A., Rd. For. Eng.
751c—McCreary, O. L., Asst. Supt. Tel. & Sig.
628a—McCright, F. R., Str. Kpr.

573—McCrocklin, W.R., V.-Pres. & Gen. Mgr.
204b—McCrum, C. H., Trav.Eng.
927a—McCubbins, H.T., For.Paint.
137b—McCue, G. C., B. & B. Mast.
487—McCulloch, A., Gen. Supt. & Ch. Eng.
619—McCulloch, C. A., Supt. Loco. Shops.
134—McCulloch, C. E., Sec.
674—McCulloch, J. W., V.-Pres.
186—McCulloch, V.E., Asst.Gen. Bridg. Insp.
513—McCulloch, W. W., Aud.
807a—McCullough, B., Sec.& Gen. Mgr.
186—McCullough. C., Gen. Coal Agt.
200—McCullough, C., Rd. Mast.
751—McCullough, C. E., Asst. G. P. A.
716—McCullough, J. J., Asst. Div. Supt.
207—McCullough, H.C., Rd.For. Equip.
751b—McCullough, J. C., Asst. to Gen. Mgr.
47—McCullough, W.A., Gen. Rd. Mast.
751b—McCully, B. N., For. Car Rep.
40c—McCully, J. D., Supt.
229—McCune, F., Supvr. B. & B.
428—McCune, W. E., Supvr.
628a—McCune, W. H., M. M.
860—McCurdy, J. F., Div. Eng.
327b—McCurdy, W. H., Pres.
176—McCutcheon, H. L., Asst. Div. Eng.
137c—McCutcheon, L., Forn. Frt. Agt.
395—McDade, E., For. Paint.
395a—McDade, W. F., Rd.Mast.
207—McDaniel, E. F., Asst.Gen. Live Stock Agt.
666—McDaniel, C. M., Tie & Timber Agt.
1047—McDaniel, F. M., Ch. Eng.
666—McDaniel, L. H., M. M.
153—McDaniel, M. R., M. M.
1702—McDaniel, S., V.-Pres. & Gen. Coun.
781—McDannel, A.C., Gen.Mgr. & Treas.
757—McDermott, C., Ch. Elec. Car Light.
186—McDermott, E.M., Rd.Mast.
36a—McDermott, J. A., V.-Pres. & Gen. Mgr.
186—McDermott, J.M., Rd.Mast.
58a—McDermott, J. M., Ind.Agt.
927a—McDermott.T., Sig. Supvr.
186—McDermott, T.H., Rd.Mast.
1570—McDermott, W. A., Traf. Mgr.
14—McDermott, W.F., Rd.Mast
721—McDermott, W. L., Aud.
481—McDevitt, W. P., M. M.
619—McDiarmid, W., Rd. Mast.
487b—McDonagh, W. J., Aud.
137b—McDonald, A., Supt. Shops.
930, 931, 931a—McDonald, A. D., V.-Chman. Exc. Com.
1845—McDonald, A. R., Comr.
692a—McDonald, B.M., Div. Eng.
751a—McDonald, C. F., For. Car Shops.
930—McDonald, C. J., Supt. Persh. Frt. Serv.
628a—McDonald, C.R., Asst.toPres
1824—McDonald, D.D., Gen.Coun.
195a—McDonald, D.J., Mast.Carp.
437a—McDonald, D. W., V.-Pres.
950—McDonald, D. W., Supt
276—McDonald, E. L. Str. Kpr.
1031d—McDonald, F., Supt. Pur. & Stores.
716—McDonald, F. L., Rd. For. Eng.
930—McDonald, F. P., M.M.
666, 737h—McDonald, H., Ch. Eng.
137a—McDonald, H., Frt.Clm.Agt.
1031a—McDonald, H. M., Gen.Mgr. & Pur. Agt.
1680—McDonald, H.M., Gen.Mgr.
481—McDonald, J., Rd. Mast.
176—McDonald, J. A., For. Car. Dept.
1849f—McDonald. J. A., Insp. Tel. Serv.
54—McDonald, J. C., Sec.
204a—McDonald, J. C., Dist. Str. Kpr.
137f—McDonald, J. E., Sig.Supvr.
693a—McDonald, J.F., Office Eng.
935a—McDonald, J. H., V.-Pres.
58b—McDonald, J. N., Rd. For. Eng.
40a—McDonald, J. P., Stat.
931a—McDonald, L. B., Asst. Gen. Mgr.
563—McDonald, M., Pres.
437—McDonald, M. B., Treas.
600—McDonald, R., Rd.For.Eng.
195a—McDonald, W., Mast. Carp.
799a—McDonald, W., Rd. Mast.
204a—McDonald, W.F., Asst. Eng.
195b—McDonald, W. G., Supvr. Bldgs.
229c, 549—McDonald, W. J., Asst. Treas., Asst. Sec. & Asst. Treas.
1809—McDonald, W. R., V.-Chman.
927b—McDonald, W.T. Gen. For. Car Dept.
1832—McDonell, C. W., Comr.
1801—McDonnell, I. F., Ch. Eng.
198—McDonnell, M., Trk. Supv.
751—McDonnell, M.E., Ch.Chem
1701—McDonnell. T. E., V.-Pres. & Gen. Mgr.
800—McDonnough, R. B., Ch. Eng.
382—McDonough, C., Div. Supt.
159—McDonough, J., For.Frt.Agt
35, 347—McDonough, J. B., Pres., Gen. Coun.
274—McDonough, M. J., Div. Eng
413—McDonough, T., Gen. For. B. & B.
382—McDonough, W. P., Loco. For.
207—McDougal, J. A., Div. Supt.
930a—McDougall, G. W., Div. Eng
716—McDougall, J., Rd. Mast.
207—McDowell, J., For. Paint Shop.
815—McDowell, T. B., Car Acct.
386—McDowell, T. C., Rd. Mast.
931a—McDuff, R. R., Rd. Mast.
58c, 935—McElheny, M. L., Supt.
137a—McElhinney, H. A., B. & B. Mast.
207—McElrath, W., Rd. For. Equip.
629—McElree, J. C., Elec. Eng.
279—McElroy, G. J., M. M.
442—McElroy, J. W., Asst. Supt.
137c—McElroy, S., Asst. Supt.
628a, 628b—McElvaney, C. T., Supvr. Air Brks.
847—McElveney, E., Rd. For. Equip.
930—McElwain, G. W., Asst. Aud
616—McElwain, J., Rd. For. Eng.
930—McEnerney, W. J., M.C. Rep.
203—McEntee, J., For. Car Dept.
652a—McEwan, A., V.-Pres.
137—McEwan, A. R., Dir. Radio.
652a—McEwan, F., V.-Pres.
652a—McEwan, Jr., R. B., Sec.
652a—McEwan, R. B., Treas. & G. P. A.
428—McEwen, R. M., Gen. For. Car Dept.
652a—McEwan, R. W., Pres.&Ch. Eng.
549—McEwan, W. G., Supt. Din. Cars.
575—McEwen, R. E., Sec.
49—McEwen, W. E., Rd. Mast.
860—McFadden, E. H., M. M.
381d—McFadden, G., Loco. For.
1432a—McFadden, J., Traf. Mgr.
629—McFadden, J. H., Div. Eng.
186—McFadden, M., Rd. Mast.
204b—McFadden, T. E., Ch. Carp
83—McFadin, J. D., M. M.
139h—McFadyen, J., Div. M. M.
62—McFadyen, J. M., Ch. Surg.
1040—McFall, H.L., Supvr. B. & B.
229c—McFall, T. G., Gen. For. Loco. Dept.
1925—McFarland, T. S., Sec.
1700—McFarland, W.S., Gen.Mgr.
204b—McFarlane, T., Div. M. M.
930—McFaul, C. L., Asst. Pass. Traf. Mgr.
1849a—McFee. A., Asst. Insp.
82—McFetridge, W. S., Prin. Asst. Eng.
815—McGahey, R. E., M. M.
58a—McGann, C. E., M. M.
1504—McGarry, W. E., Mgr.
1850k—McGarry, W. J., Mgr.Open Car Sect.
751b—McGarvey, E. W., Supvr.
195a—McGary, F., Ch. Elec.
627c—McGaughey, J. M., Sec. & Treas.
58a—McGeachie, A. B., Asst. Rd. For. Eng.
628a, 628b—McGee, H.E., Gen.Mgr
472, 962—McGee, I. C., Treas., Asst. Treas.
382—McGee, J. T., Car For.
676a—McGee, M. W., Rd. Mast.
42a—McGee, S. R., Asst. Supt.
204a—McGee, T., Rd. Mast.
693b—McGee, W. A., Mech. Eng.
927—McGehee, W. N., Comm. Coun.
593—McGill, A. M., Asst.S.M.P.
195b—McGill, G. B., Gen. For.

1010—McGill, J. G., G. F. A.
229—McGill, J. P., Asst. to Sig. Eng.
139d—McGill, W. E., Asst. Supt.
157—McGinley, J. F., Sta.
930—McGinnis, F. S., Pass. Traf. Mgr.
629—McGinnis, J. L., Asst. Trav. Boil. Insp.
279—McGinnis, V. R., Rd. For. Equip.
1800a—McGinty, G. B., Sec.
600—McGlinch, G. V., Div. Eng.
382—McGlogan, J. H., Asst. Supt. Tel.
180—McGlone, G., Mech. & A. B. Inst.
1020c—McGlothlin, J. H., Gen. Str. Kpr.
40a—McGoff, J. H., Mech. Supt.
1840a—McGonagle, G. F., Comr.
297—McGonagle, W. A., Pres.
1001b—McGonigle, H., Rd. Mast.
1001b—McGonigle, J., Rd. Mast.
382—McGougan, D., Supt. Shops.
808—McGough, J. P., Str. Kpr.
229—McGovern, E. H., Div. Eng
40b—McGovern, J. R., Rd. Mast.
931a—McGowan, G. W., Shop Supt.
769—McGowan, J. C., Sec.
626—McGown, H. B., Asst. Treas
557—McGrann, E. R., Asst. Supt.
195a—McGrath, D. R., Air Brk. Instr.
97—McGrath, F., Str. Kpr.
696—McGrath, J. E., Asst. G. F. A.
1512—McGrath, R. E., Traf. Mgr.
737d—McGrath, W. H., V.-Pres.
801—McGraw, J. J., G. F. & P. A.
751b—McGraw, J. R., Asst. to Eng. M. W.
886—McGraw, M. J., M. M.
693a—McGraw, R. H., Rd. For. Eng.
275—McGraw, T. G., Str. Kpr.
265, 860, 860a—McGraw, W. E., Gen. Supt., V.-Pres. & Gen. Supt.
139b—McGregor, C. J., Asst. Supt.
1021—McGregor, C. R., Fuel Supvr.
131—McGregor, D. G., Sec.
58a—McGregor, D. C., Supvr.
137g—McGregor, E. E., Rd. For. Eng.
930—McGregor, H. D., Asst. G. P. A
311a—McGregor, J. A., Mgr.
137g—McGregor, J. B., Supt. Ry. Tel. Serv.
931a—McGregor, J. I., Agri. Agt.
36a—McGregor, T. B., Gen. Coun.
619—McGregor, W., Rd. Mast.
139g—McGregor, W. H., Rd. Mast.
695b—McGrievy, E. C., For. Paint.
927—McGuffey, W. H., Asst. to V.-Pres.
394a, 439—McGuigan, F. H., Eng. Asst. to Exec. V.-Pres.
115—McGuigan, W. L., Aud.
322a—McGuill, L., Chief Police.
274—McGuinness, F. J., Div. Str. Kpr.
137b—McGuinty, P., B. & B. Mast.
523—McGuire, B. F., Supvr.
40a—McGuire, C. C., Rd. Mast.
204a—McGuire, E., Ch. Carp.
847—McGuire, E. E., Supt. Term.
979a—McGuire, E. J., Sec. & Treas.
739—McGuire, W. L., Term. Supt.
279—McGurl, M. J., Rd. For. Equip
275—McHale, J., Rnd. Hse. For.
286—McHarg, H. K., Pres.
286—McHarg, Jr., H. K., V.-Pres & Gen. Mgr.
549—McHargue, M., Supvr.
931a—McHeaney, J. C., Rd. Mast.
229—McHenry, F. B. Rd. For Eng.
581—McHenry, J., Trans.
139b—McHugh, C. O., Trans. Asst.
378a—McHugh, E., Aud.
1021—McHugh, M. J., Rd. For. Eng
751b—McHugh, W. H., Mast. Carp.
860, 860a—McIlhearn, E. H., Off. Eng.
276—McIlhenny, F. S., Gen. Coun.
62—McIlroy, W. R., For. Paint.
629—McIlvaigh, J. W., Gen. Rd. For. Eng.
890—McIlvain, G. M., Recvr.
751b—McIlvaine, C. L., Supt. M. P.
600—McIlvaine, F. B., Aud.
137b—McIlwain, S., Div. Eng.
619—McInerney, J. L., Gen. Atty.
137c—McInnes, O. A., Rd. Mast.
40—McInnis, E. E., Gen. Solr.
619—McIntosh, D., Div. Eng.
581—McIntosh, D. G., Gen. Atty.
180—McIntosh, F. W., Supt. Din. Car Serv.
137b—McIntosh, G., Rnd. Hse. Insp.
696—McIntosh, J., Div. M. M.
395a—McIntosh, J. T., Gen. For.
695c—McIntosh, J. T., Rd. Mast.
695c—McIntosh, O. C., Rd. Mast.
920—McIntosh, R. C., V.-Pres.
382—McIntosh, W., Loco. For.
523—McIntyre, A. C., G. F. A.
139e—McIntyre, D., Rd. Mast.
186—McIntyre, D. B., Asst. Div. Supt.
1849f—McIntyre, D. M., Chman.
751—McIntyre, F. M., Asst. Aud.
629—McIntyre, H. H., Aud.
498—McIntyre, J., Trav. Eng.
89—McIntyre, J. B., Ch. Eng.
751a—McIntyre, J. E., Supvr.
229c—McIntyre, L. L., Supt.
600—McIntyre, M., Supvr. Sig.
930—McIntyre, R., Asst. to Gen. Mgr.
696—McIsaac, J. A., Trk. Supvr.
260, 950—McIsaac, J. R., Gen. Traf. & Transp. Mgr.
523—McKaig, W. J., Supvr. Strs.
82—McKalip, J. C., Gen. Aud.
198—McKarral, B. H., Car For.
696—McKay, A. G., B. & B. Supvr
514, 1526—McKay, A. J., V.-Pres., Pres.
382—McKay, A. W., Asst. Supt. Tel.
137b—McKay, F., B. & B. Mast.
968—McKay, F. B., G. F. & P. A.
964—McKay, J., Div. Supt.
695—McKay, J. G., Atty.
139f—McKay, J. M., Supt.
436—McKay, J. R., Eng. M. W.
137a—McKay, M., Rd. Mast.
716, 1024a—McKay, P., Asst. Pur Agt., Pur. Agt.
42—McKay, R. H., Supt.
1840a—McKay, T. E., Comr.
572, 607—McKay, W. H., M. M.
629—McKay, W. M., Scale Insp.
886—McKeand, C. A., Gen. Ind. Agt.
981—McKeand, C. H., Treas. & Pur. Agt.
666—McKeaud, L. E., Asst. to Pres. & Treas.
864—McKechnie, A. A. Sec.
58b—McKee, E. R., Asst. Div. Eng.
1066—McKee, F. C., Pres. & Gen. Mgr.
137c—McKee, G. D., M. M.
198—McKee, H., Rnd. Hse. For.
157—McKee, H. C., Supt. Brdgs.
1218a—McKee, H. W., Traf. Mgr.
137a—McKee, J., Frt. Clm. Agt.
600—McKee, J. L., Gen. Supt.
1851—McKee, M. T., Asst. to Pres.
847—McKee, R. B., Asst. Eng.
176—McKee, R. G., M. M.
695a—McKee, S. T., Gen. Car Insp.
1066—McKee, W. B., Sec. & Treas.
1001, 1850d—McKeen, A. H., Sys. Sig. Eng., 1 V.-Chman. Eng. Sect., 1 V.-Chman. Sig. Sect.
437, 751—McKeen, B., Pres., Res. V.-Pres.
478—McKeever, J. S., Pur. Agt. & Gen. Supt.
463—McKell, W., Pres. & Gen. Mgr.
927—McKellar, R. L., For. Frt. Traf. Mgr.
930—McKelligon, A. S., Gen. Str. Kpr.
610—McKelvin, L., Sec., Treas. & Aud.
693—McKendrick, J., Asst. Aud.
96—McKenna, G. P., Trk. Supvr.
751b—McKenna, J. F., Supvr.
507—McKenna, T., Rd. Mast.
599—McKenna, W. R., Pur. Agt.
563—McKenney, E., Rd. Mast.
279—McKenzie, A. J., Mast. Carp.
632—McKenzie, D. G., Div. Str. Kpr.
137c—McKenzie, D. M., B. & B Mast.
440a—McKenzie, J. C., Supt.
137b—McKenzie, J. R., Asst. Eng. M. W.
930—McKenzie, L. U., Rd. Mast.
195b—McKenzie, M., Mast. Carp.
342—McKenzie, R. J., Rd. For. Eng
137c—McKenzie, W., Car For.
757—McKenzie, W., Rd. For. Eng.
137c—McKenzie, W. E., Loco. For.
751c—McKeon, R. D., Div. Supt.
137b—McKeough, C. J., Supt. Term.
1849—McKeown, H. A., Ch. Comr.
14a—McKeown, H. P., Pur. Agt.
139—McKeown, T. M., Asst. Pur. Agt.
40—McKernan, E. J., Supvr. Tools.
629—McKernan, M., Insp. Trans.
106—McKerrow, K., Ch. Eng.
886—McKey, D. M., Locating Eng.
751a—McKibben, R., Mast. Carp.
40a—McKibben, T. H., Div. Eng.

931, 931a, 1855—McKibbin, R. L., Gen. Bag., Mail & Exp. Traf. Agt., Gen. Bag., Mail & Exp. Agt., V.-Pres.
139f—McKillop, J., Rd. Mast.
139c—McKillop, R., Supt.
475—McKimm, D. G., Supvr. Maint. Way & Struct.
627c—McKimmey, M., Res. Eng.
495b—McKinley, R. M., Mgr.
198a—McKinley, W., Pres.
432—McKinley, W. B., Chman of Bd.
1013—McKinna, M. D., M. M.
322—McKinney, C. F., Supvr. Pow. Plants.
322b—McKinney, G. E., Elec. Supvr
549—McKinney, J. W., Asst. Supvr. B. & B.
428—McKinney, J. W., Supvr. B. & B.
93—McKinney, P., Rd. Mast.
137c—McKinnon, G. D., Loco. For.
586—McKinnon, H. A., Pres.
137a—McKinnon, J., Car For.
137f—McKinnon, J. H., Supt.
97—McKinnon, J. J., Str. Kpr.
137a—McKinnon, M., Rd. Mast.
157, 1076—McKinstry, W. B., Compt., Aud.
1355, 1377, 1528a, 1610b, 1679a—McKirahan, P. P., Traf. Mgr., Gen. Mgr. Traf. Mgr., Traf. Rep.
1704—McKisick, L., Asst. to Pres.
229a—McKisson, C. C., Asst. to Pres. & Gen. Clm. Agt.
395—McKithan, R. B., Sig. Supvr.
437—McKitrick, W. H., G. B. A.
5, 686, 776—McKnight, T. H. B., Treas.
349, 986a—McKoy, W. D., R. of W. & Tax Agt.
382—McKusick, E. M., Trav. Eng.
981b—McLachlan, W., Gen. Mgr.
342—McLain, E. P., Supt. Trans.
434—McLain, H., For. Paint.
80—McLain, J. I., Supt. & Aud.
716—McLane, J. B., Asst. Div. Supt
137b—McLaren, G. P., Eng. M. W.
137b—McLaren, J. B., Compt.
958a—McLaren, J. I., Comr.
62—McLaren, R. L., Gen. For. Loco. Dept.
1065b—McLarty, N. A., Gen. Coun.
1800—McLaughlin, A. A., Asst. Dir. Gen. R. R.'s & Gen. Solr.
382—McLaughlin, C. E., M. M.
716—McLaughlin, D., Rd. Mast.
395c—McLaughlin, E., Pres. & Gen. Mgr.
428a—McLaughlin, E. H., Mast. Loco. Paint.
176—McLaughlin, G. E., Gen. For.
767—McLaughlin, H., Div. Rd. Mast.
229c—McLaughlin, J. J., Gen. Solr.
137b—McLaughlin, L. J., Loco. For.
58b—McLaughlin, S. T., Asst. to Frt. Traf. Mgr.
1475b—McLaughlin, T. E., Traf. Mgr
563—McLaughlin, T. M., Div. Supt.
428—McLaurine, E. L., Supt.
1852a—McLaury, H. F., V.-Pres.
769—McLawhorn, W. R., Trans. Supt.
137c—McLay, K. D., B. & B. Mast.
137—McLean, A. S., Gen. Supt. Hotels.
1018—McLean, A. T., Pres. & Trens
899—McLean, D., Aud.
879c—McLean, G., Pres.
622—McLean, G., V.-Pres.
1018—McLean, J. D., Sec.
1015a—McLean, J. E., Gen. Supt.
1001c—McLean, R. A., Rd. For. Eng.
1849—McLean, S. J., Asst. Ch. Comr
664—McLean, W., M. M.
139g—McLean, W. J., Asst. Supt.
234—McLees, F., Div. For.
137a—McLellan, A. S., Str. Kpr.
204a—McLellan, E. E., Rd. Mast.
581—McLellan, E. E., Eng. M. W.
137c—McLelland, J., Car For.
886—McLendon, H., Rnd. Hse. For.
47—McLendon, J. C., Str. Kpr.
420—McLendon, W. C., Sec. & Treas.
11a—McLennan, G. O., M. M.
394a, 439—McLennan, R. L., G. F. A.
139c—McLeod, A. J., Mast. B. & B.
623b—McLeod, B. W., Sec. & Treas.
1070—McLeod, C. H., Asst. Aud.
1849b—McLeod, D. L., Mun. & Pub. Utility Comr.
395—McLeod, D. W., Aud.
139—McLeod, H. W., Asst. Eng.
182—McLeod, J., Gen. For.
883a—McLeod, J. A., Ch. Eng.
1472—McLeod, W. D., Traf. Mgr.
1021—McLone, J. E., Shop Supt.
469, 470—McLucas, W. S., Sec.
511—McLure, A. P., Aud., Gen. Mgr., Supt. & Traf. Mgr.
260—McLurg, J. E., V.-Pres.
498—McMahan, J. F., Asst. Coal Traf. Mgr.
450—McMahan, R. A., Supt.
283—McMahon, C. R., M. M.
693b, 693c—McMahon, F. J., Gen. Str. Kpr.
137b—McMahon, J., Rd. Mast.
279—McMahon, J. C., Rd. Mast.
40a—McMahon, J. E., Div. Supt.
209—McMahon, J. E., Gen. Str. Kpr.
683—McMahon, M. J., Traf. Mgr.
204a—McMahon, P., Rd. Mast.
382—McMahon, T. D., Arch.
382—McMahon, T. F., Supt. Shops.
123—McMahon, T. P., Asst. Supt.
97—McManama, J. W., Supvr. Trk.
1800a—McManamy, F., Comr.
62—McMann, J. B., Supt.
186—McManus, B. A., Aud.
697—McManus, C. B., G. F. A.
866—McManus, H. T., Rd. Mast.
716—McManus, J. J., Frt. Clm. Agt
699—McManus, J. W., Rd. Mast.
314—McManus, P. F., Gen. Supt.
327a—McManus, P. L., Gen. Supt.
699—McManus, T., Rd. Mast.
186—McMartin, L. J., Supvr. B. & B.
1051—McMaster, H. W., Spec. Rep
201, 205a, 434—McMaster, W., Pur. Agt.
244—McMath, R. E., Sec.
931b—McMechan, W. E., Sec. & Treas.
1800b—McMenimen, W. L., Memb.
693—McMichael, A., Gen. Coal Frt. Agt.
920—McMichael, J. R., Ch. Surg.
58a—McMillan, A. E., Dist. M. M
260—McMillan, D. A., Supt.
992—McMillan, D. M., M. M.
693b—McMillan, F. L., Supvr. Mat'l. L. & C. Depts.
180—McMillan, F. L., Rd. Mast.
872b—McMillan, H. P., Sec., Treas. & Aud.
139—McMillan, J., Gen. Mgr. Tel.
137b—McMillan, J. D., Supt.
847—McMillan, J. S., Asst. Supt.
139c—McMillan, N., Asst. Supt.
137—McMillan, R., Supt. Ry. Tel. Serv.
958a—McMillan, W., Car For.
693c—McMillen, C. C., Str. Kpr.
697—McMillen, F. R., Sig. Maint. For.
91—McMorris, J., V.-Pres.
884, 886—McMorris, W. L., G. P. A.
563—McMulkin, J. C., Air Brake Insp.
705—McMullan, J. F., Asst. Div. Supt.
322—McMullen, J., Supt. Car Dept.
139d—McMullen, W., Asst. Supt.
718c—McMullin, G. H., Supt.
629—McMullin, H. L., Chemist.
380—McMullin, S. G., Gen. Atty.
693a—McMunn, W. R., Gen. Car Insp.
622—McMurray, C. T., Pur. Agt.
40b—McMurray, J. P., Div. M. M.
139—McMurray, R. W., Marine Supt.
1001c—McMurray, W., G. P. A.
137b—McMurty, J., Rd. For. Eng.
562—McNab, A. J., Consult. Eng.
137c—McNab, C., Car For.
139f—McNab, J. V., Div. Eng.
139—McNabb, J. G., Forn. Frt. Agt.
1598—McNabb, S. W., Dist. Supt.
186—McNabb, W. C., Dist. M. C. B.
515—McNair, J. F., Pres.
515—McNair, J. L., Gen. Mgr.
927b—McNair, M. L., Gen. For.
327—McNair, W. W., Traf. Mgr. & Clm. Agt.
886—McNairy, O. F., Dist. Eng.
40a—McNally, J. F., Asst. Div. Supt.
619—McNally, J. P., Rd. Mast.
705b—McNally, R. E., Gen. Atty. for Recr.
137b—McNamara, A., Car For.
207—McNamara, B. H., Mast. Carp.
151—McNamara, E. A., Supt.
738—McNamara, H. V., Traf. Mgr.
693—McNamara, J. B., Asst. G. B. A.
8—McNamara, J. F., Asst. Sec.

58b–McNamara, J.J., For.Paint Loco. & Car Dept.
705—McNamara, L., Rd. Mast.
860, 860a–McNamara, M.J., Trans. Asst.
1001a–McNamara, P., Gen. For. Car Dept.
1001d–McNamee, F. R., Gen. Atty.
1217—McNamee, C. A., Traf. Mgr
1840—McNamee, C.R., Rate Clerk
24a–McNary, J. G., V.-Pres.
329—McNash, J. H., Pres.
234—McNaught, F. H., Ch. Surg.
137b–McNaughton, A. B., Supt.
578—McNaughton, E. C., Sec. & Aud.
382—McNaughton, F. D., Trav. Eng.
97—McNaughton, H.E., B.& B. Supvr.
707—McNaughton. R, Gen. Coun.
503—McNaughton, R. A., Gen. Acct.
629—McNay, C., Asst. to. Gen. Mgr
931a–McNeal, P. B., Asst. Supt.
87—McNear, C. W., V. Pres.
761—McNear, G. P., Treas.
886—McNeely, J. B., Rd. Mast.
432—McNeil, A., Supt.
1046—McNeil, F., V.-Pres.
58—McNeil, H., Asst. Tax Agt.
286—McNeil, J., Sec. & Treas.
1001a–McNeil, J. M., Rd. For. Eng.
137a–McNeil, M., Car For.
652—McNeill, A. H., V.-Pres.
716—McNeill, G. F., Asst. G.P.A.
960a–McNeill, J. A., Traf. Mgr.
322b–McNeill, J. J., Supvr. Loco. Oper.
560—McNeill, J. N., Aud.
139—McNeillie, R. G., G. P. A.
47—McNelley, J. E., Ch. Tie Supvr.
808—McNichol, B. I., Str. Kpr.
137c–McNichol, G. A., G. P. A.
584—McNider, C. H., V.-Pres.
186—McNie, C.H., Gen. Live Stk. Agt.
1001a–McNitt, A.R., Frt. Clm. Agt.
382—McNulty, E., Asst. Mast. Carp.
1379—McNulty, P. L., Traf. Mgr.
207—McNulty, J., Rd. Mast.
523—McNulty, P. J., Supvr.
40c–McNutt, F., Insp. Trk. & Rdway.
693b–McNutt, J. H., Str. Kpr.
1040—McPartland, M. B., Supt. M. P.
137b–McPhail, H., Rd. Mast.
258—McPhail, O. G., M. M.
234a–McPhee, J. E., Treas.
234a–McPhee, W. P., Pres.
960a–McPheron, G., Rd. Mast.
76, 276, 1645—McPherson, B. C., Traf. Mgr.
139—McPherson, C. E., Asst. Pass. Traf. Mgr.
137a–McPherson, E.R., Str. Kpr.
933—McPherson, E. S., V.-Pres.
382—McPherson, H.C., Loco. For.
20—McPherson, J. A., Sec., Supt. & Traf. Mgr.
930—McPherson, J.C., Div. Supt.
549—McPherson, L.N., Sig. Supvr
580—McPherson, P. A., Loco. For.
139, 1908a—McPherson, P., R. of W. & Tax Agt., 2 V.-Pres.
137a–McPherson, T., Rd. Mast.
207—McPherson, T. J., Gen. For. Loco. Dept.
186—McPherson, W., Rd. For. Eng
139f–McPherson, W.G., Div. M. M
275—McPherson, W. M., Asst. G. F. A.
428—McPike, E. F., Mgr. Per. Frt. Serv.
523—McQuade, H. J., Pur. Agt.
137c–McQuaid, G. J., Str. Kpr.
137b–McQuaig, D. J., Supt. M. P.
289—McQuarrie, M. K., Eng.
1065—McQueen, H. C., Treas.
697—McQueen, W. D., Div. Supt.
58—McQuilkin, H. P., Gen. Str. Kpr.
395—McQuillen, J.E., Mech. Supt.
40c–McQuiston, J. C. Asst. Pur. Agt.
139e–McRae, J., Rd. Mast.
137b–McRae, T. W. R., Ch. Clm. Agt.
886—McRee, C. A., Div. Eng.
395—McRee, J. P., Rd. Mast.
207—McReynolds, G., Gen. For. Loco. Dept.
1691—McReynolds, H. L., Traf. Mgr.
137g–McRitchie, A. D., Supvr. Scales.
1051—McRoberts, T. J., G. P. A.
229—McShane, F.R., Rd. For. Eng.
466, 1057e–McSpadden, H., M. M.
661b–McSwain, C. D., Treas.
58b–McSweeny, E. J., M. M.
139g–McTaggart, D., Mast. B.& B.
139g–McTaggart, J. E., Mast. B. & B.
137—McTaggart, J. F., Treas.
563—McTaggart, S. A., Asst. Compt.
275—McTague, C. F., Asst. Frt. Traf. Mgr.
1051—McThena, C. E., Trk. Mast.
275—McTighe, T. F., Str. Kpr.
176—McTyre, G. A., Str. Kpr.
549—McVay, A.B., Supvr. B.& B.
693c–McVay, C. M., Div. Eng.
137—McVeigh, E.J., Supt. Reclam
837—McVey, W. D., G.F. & P.A.
751b–McVicker, W., For. Car Rep.
666—McWhorter, W. J., Asst. Supt.
58a–McWilliams, D. R., Supvr Rds.
629—McWilliams, R. M., Exec. Gen. Agt.
137b–McWood, J., Gen. Car For.
927b–Meacham, Jr., A. W., Eng. Maint.
137b–Meacham, H. C., Imp. Agt.
186—Mead. E. L., Div. Eng.
47—Mead, J. F., G. F. A.
629—Mead, L., Rd. Mast.
927—Meade, H., Asst. Eng.
930—Mead. M. M., Sig. Supvr.
204b–Meade, F., Tele. & Telo. Insp
47—Meade, P. J., M. M.
796—Meade, W. C., Aud.
240—Meador, J. L., Aud.
791—Meadors, T. P., Sec. & Asst. G. F. & P. A.
600 1927—Meadows. D., Asst. Div. M.M., Treas.
1001b–Meadows, D. S., Eng. B.& B.
137a–Meagher, E., Car For.
115—Meagher, E.M., G.F. & P.A
433—Meagher, J. B., Pur. Agt.
209—Mealey, J. J., Supt. Term.
432—Meara, J., Rd. Mast.
905—Means, O., Pres.
180—Meayard, M., Rd. For. Eng.
1039a–Meckstroth, E. C., Ch. Eng.
59, 1875—Meckstroth, E. H., Gen. Car For., 2 V.-Pres.
706—Medler, J. L., Sec. & Asst. Treas.
204b–Medley, C., Gen. Car For.
847—Medlock, W. M., Rnd. Hse. For.
547—Mee, C. R., Ch. Eng.
600, 692x, 771—Meeder, F.H., Asst. Compt.
627c–Meeder, W. R., Supt. M. P.
930—Meehan, M., Mast. Car Rep.
927—Meek, J. L., Asst. G. P. A.
428—Meek, J. N., Gen. For. Loco. Dept.
931, 931a–Meek, R. W., Sig. Eng.
969—Meeks, T. B., Pres. & Gen. Mgr.
931a–Meeks, T. H., Asst. Supt.
969—Meeks, U. S., Treas.
342—Meeks, W. E., Str. Kpr.
986a–Meenan, J. G., Rd. Mast.
372—Meentemeyer, C. F., Sec.
1076e–Meerdink, O. J., Treas.
549—Mefford, C. T., Supvr.
353—Mefford, H., Rd. Mast.
1456a–Megehee, D., Traf. Mgr.
693b–Meggers, F. H., Asst. Eng.
549—Meglemery, W. A., Aud.
139e–Megrund, A. J., Rd. Mast.
204a, 1875—Mehan, J. E., Asst. M. C. B., Pres.
176—Mehurin, C. W., Gen. For.
847—Meidroth, J. S., Rd. For. Equip.
866—Meier, A. H., Gen. For. Mech. Dept.
757—Meier, F. J., Div. Rd. Mast.
1001b–Meier, G. A., Supvr. B.& B.
383—Meier, J. L., V.-Pres.
757—Meier, W., Div. Rd. Mast.
726b, 845—Meighan, G.F., V.-Pres.
428—Meigs, M. C., Asst. Eng.
751a–Meily, H. S., Div. Eng.
195—Meinhardt, H. B., Supvr. Ref. Serv.
749—Meirs, T., Treas.
279—Meissonnier, E.D., Str. Kpr.
47—Meister, C. L., Mech. Eng.
927b–Meixner, F.E., Rd. For. Eng.
670—Mejia, J., Div. Supt.
1007—Mejia, P., Traf. Mgr.
137b–Melanson, A.C., Supt. Shops.
137—Melanson, H. H., Gen. Pass. Traf. Mgr.
382—Melby, J.F., Asst. Sig. Supvr.
186—Melcher, F.R., Rd. For. Eng.
382—Meldrum, C.W., Asst. G.P.A
234—Melin, A., Rd. Mast.
127—Melin, A. H., Asst. Sec. & Asst. Treas.
695a–Melin, C.A., Gen. East. P.A.

693a-Mellus, F. N., Gen. Supt.
196b-Melker, C. E., M. M.
221—Mellen, J. J., M. M.
551a-Mellen, W. S., Mgr. Traf. Dept.
698a-Melley, J. J., M. M.
800—Mellon, A. W., Dir. Gen. R. R's.
526—Mellon, R. B., Sec.
526—Mellon, J. R., Pres.
526—Mellon, R. K., Treas.
526—Mellon, T. A., V.-Pres.
030a-Mellor, J. A., M. M.
600—Melms, W. A., Gen. Insp.
001a-Melody, B. L., Rd. Mast.
195a-Melody, P. J., Rd. Mast.
58b-Melone, J. W., Asst. G.F.A
756—Melcy, J. E., Ch. Surg.
139c-Melrose, E. J., Asst. Supt.
847—Melton, S. E., Gen. For. B. & B. & W. S.
927b-Melton, W. S., Supt. Telp.
927—Melville, C. A., Div. Str. Kpr.
137—Melville, J. R., Asst. to Mgr. Pass. Serv. Bur.
628a-Melvin, M., Rd. Mast.
322—Menagh, F. H., Asst. Supt. Tel.
137b-Menard, J. P., Div. Eng.
693a-Mench, O. R., Trk. Supvr.
58b-Mendall, J. M., Rd. For. Eng
001c-Mendenhall, J. H., Supvr. B. & B.
956b-Mendes, A. de Solas, V.-Pres. & Gen. Traf. Mgr.
670—Mendoza, A. R., Div. Supt. Term.
555—Menefee, W. G., G. F. A.
970—Menefee, W. G., G. F. A.
345—Menge, E. F., Asst. G. F. A.
751—Mengel, J. C., M. M.
96—Mentzer, E. K., Prin. Asst. Eng.
693—Menuez, E. B., Valua. Eng.
322b-Menzie, M. J., For. Sig. Maint
47—Menzies, J., Frt Traf. Mgr.
693—Menzies, R. J., Asst. Traf. Mgr.
428—Mercer, H. A., Supvr.
757—Mercereau, W. L., Supt. Car Ferries.
875—Mercier, A. T., Gen. Mgr.
96—Mercier, G., Asst. Trk. Supvr
689a-Mercur, R. E., Traf. Mgr.
751—Meredith, A. R., Asst. R. E. Agt.
207—Meredith, F. M., Rd. For. Equip.
159—Meredith, J. L., Sta.
159—Meredith, J. W., Gen. Supt.
808—Meredith, W. F., Div. Str. Kpr.
288b-Merguire, F. A., Sec. & Traf. Mgr.
751—Merion, J. E., Aud.
597—Merino, M., Ch. Acct.
945—Meriwether, C. E., Pres.
964—Meriwether, H. R., Dist. Rd. Mast.
808—Merkel, A. L., For. Paint Loco. Shops.
001a-Merriam, C. J., Asst. Aud.
29, 667—Merriam, E. G., Asst. to V.-Pres. & Gen. Solr., Pres.
757—Merriam, S. L., Gen. Coun.
67—Merriam, T. C., Aud. & Car Acct.
696—Merrick, G. A., Asst. to Mech. Eng.
40, 40b-Merrick, R. G., G. F. A.
346—Merrick, W. C., Treas.
1060b-Merrick, W. T., Pres.
927—Merrill, E. A., Asst. Sec.
549—Merrill, J. B., Div. M. M.
817—Merriman, J. D., Sec., Aud. & Car Acct.
389—Merritt, B. S., Asst. G.F.A.
395—Merritt, F., Ch. Eng.
751a-Merritt, G. E., For. Car Shops
716—Merritt, G. R., Gen. Agt. Refrg. Serv.
1031c-Merritt, H. B., Sec.
751a-Merritt, H. C., For. Car Shops
40b-Merritt, J. B., Rd. For. Eng.
97—Merritt, W. H., Trav. Str. Kpr.
1700—Merry, Jr., E. R., Sec.
716—Merry, J., Rd. Mast.
599—Merry, R. H., Sec.
1001d-Merry, W. F., Gen. For.
771—Merscher, J., Gen. For. Car Dept.
616—Mersen, J. T., Aud.
267—Mershon, W. D., Aud.
737a-Mertens, G. W., G.F. & P.A. & Supt.
635—Mertz, G. H., Frt. Agt.
470—Mertz, M. L., Treas.
1700—Mervine, D. T., Gen. Mgr. Trans.
389—Merwin P., Trav. Eng.
365—Mesnard, R. E., Asst. Eng.
137b-Messeroll, D. C., Supt. Car Shops.
860, 1910b-Messick, C., Treas. & Asst. Sec., 2 V.-Pres.
628b-Metcalf, B. C., Rd. Mast.
716—Metcalf, F. M., Supt. Safety Sect.
628a, 628b—Metcalf, J. M., Prin. Asst. Eng.
40c-Metcalf, J. W., Sig. Supvr.
751c-Metcalf, T. B., Supvr.
137b-Metcalfe, A., Car For.
927b-Metcalfe, H. A., Rd. Mast.
549—Metcalfe, Jr., J. G., Div. Supt
751a-Metheany, R. R., Div. Eng.
927a-Metler, F. A., Rd. For. Eng.
9—Metzdorf, D. W., Gen. Str. Kpr.
716—Metzger, J., Gen. Loco. For.
306b-Metzger, R. W., Pur. Agt.
58a-Metzger, W. H., Supvr. Rd.
692x-Metzman, G., Trans. Asst.
1294—Meudt, B., Traf. Mgr.
399—Mew, E. C., Rd. Mast.
58a-Mewshaw, T. E., Asst. M. M.
696—Meyer, A. C., Gen. Car For.
789a-Meyer, A. E., Aud.
229—Meyer, A. F., Asst. G. F. A.
1800a-Meyer, B. H., Comr.
428—Meyer, C. R., Asst. Eng.
549—Meyer, E., Asst. Gen. Str. Kpr.
204a-Meyer, E. A., Div. Supt.
200—Meyer, E. C., Asst. Compt
697—Meyer, F. J., Asst. Eng.
1001b-Meyer, F. W., Aud.
141a-Meyer, H. E., Supvr. Car Equip.
1701—Meyer, H. L., Supt. Tariffs.
204a-Meyer, H. R., Div. Str. Kpr.
382—Meyer, J. O., Chemist.
204b-Meyer, N. A., Asst. Supt. Trans.
751b-Meyer, P. A., Gen. For.
186—Meyer, R. E., Rd. Mast.
280—Meyer, S. S., Asst. to Recr. & Aud.
1051—Meyers, C. W., Rd. For. Eng.
1021—Meyers, F., Supt.
180—Meyers, G., Supvr.
520—Meyers, S., Gen. Str. Kpr.
198—Meyers, W. E., Supt. Din. Cars.
186—Meyers, W. F., Supvr. B. & B.
1006b-Meyers, W. L., Asst. G. F. & P. A.
539—Meynen, G. K., Ch. Surg.
186—Micel, R., Eng. Hse. For.
927b-Michael, J. B., M. M.
549—Michael, J. C., Sec.
186—Michael, L. P., Mech. Eng.
927—Michael, W. B., Div. Str. Kpr.
847—Michel, C. W., V.-Pres.
413—Michel, W., Ch. Eng.
176, 1908—Michie, C. C., Asst., Sec., Pres.
1557—Micholet, L. F., Traf. Mgr.
394a, 439—Mickley, C. W. L., Supt. Tel.
931a-Micksch, H. J., Div. Supt.
191—Middlaugh, J. B., Supt.
47—Middleton, W. B., Gen. For.
1849f-Middlemist, H. W., Eng.
207—Middleton, A. C., Asst. Aud
733—Middleton, A. W., Gen. Aud.
1575—Middleton, C. W., Traf. Mgr.
434—Middleton, F. G., Aud.
523—Middleton, J. A., V.-Pres.
927—Middleton, M., Asst. Treas.
1904—Middleton, P. H., Treas.
204b-Middleton, R. J., Asst. Ch. Eng.
632—Middleton, W. W., Aud.
503—Midgley, F. H., Eng.
631—Midkiff, J. R., Aud.
927a-Midkiff, W. E., Rd. Mast
58a-Mienert, H. J., Gen. For Loco. Dept.
322—Miesse, A. W., Asst. to Ch. Eng.
229—Miesse, W. H., Res. Eng.
428—Mifflin, C. E., Supvr.
382—Mika, T., Dist. Rd. Mast.
966—Mikeska, H. J., Asst. Gen. Mgr. & Ch. Eng.
697—Mikles, G. S., Fuel Supvr.
176—Milam, C. A., Rd. For. Eng.
195a-Milar, W. O., Rd. For. Loco.
58—Milburn, J. H., Office Eng.
98—Mildram, H. C., V.-Pres.
40a-Mileham, F. J., Supt. Rail Mill.
139g-Miles, H. R., Div. Eng.
439—Miles, O., For. Wat. Serv.
198—Milett, J. W., Trk. Supvr.
716—Milham, B. W., Shop Supt.
1832—Milhollan, F., Pres.
58, 1850a—Milholland, E. V., Med. & Surg. Dir. Rel. Dept., 2 V.-Chman.
58—Milholland, F. X., Asst. to Sr. V.-Pres.
20—Mill, J. C., Sig. Eng.
1539a-Millane, T. F., Traf. Mgr.

97—Millar, E.T., Gen. Car Insp.
1815—Millar, W. C., Comr.
1074a—Millar, W. D., Asst. Gen. Mgr
229—Millard, C. S., Gen. Mgr.
860, 860a—Millard, F. H., Asst. to Pres.
984—Millard, J., Rd. Mast.
97—Millea, F. E., Supvr. Trk.
139—Millen, F. G., Asst. Treas.
629—Miller, A. A., Eng. M. W.
395a—Miller, A. A., Rd. Mast.
1057c—Miller, A. A., Asst. Aud.
298—Miller, A. E., Gen. Solr.
731c—Miller, A. F., Mast. Carp.
666—Miller, A. G., Aud.
275—Miller, A. J., Supvr. Sta.
1918—Miller, A. T., Sec.
58b—Miller, A. W., Gen. For. Loco. Dept.
275—Miller, B. E., Mast. Paint.
699—Miller, C., Rd. Mast.
504a—Miller, C., Pres.
176—Miller, C., Brdg. Eng.
504a—Miller, C. A., V.-Pres. & Asst. Treas.
1610—Miller, C. D., Traf. Mgr.
159—Miller, C. E., Gen. Atty.
186—Miller, C. E., Ch. Scale Insp.
751b—Miller, C. F., Supvr.
685—Miller, C. H., Traf. Mgr.
123a—Miller, C. H., M. M.
504a—Miller, C. J. S., Asst. Sec.
488a—Miller, C. O. G., Pres.
693b—Miller, C. W., Str. Kpr.
1001c—Miller, C. W., Asst. Treas.
286—Miller, E., For. Paint.
58a—Miller, E. B., Dist. M. C. B.
425—Miller, E. C., G. F. & P. A.
879b—Miller, E. G., Treas.
1231—Miller, E. H., Traf. Mgr.
1582a—Miller, E. J., V.-Pres.
751a—Miller, E. N., For. Car. Shop.
927b—Miller, E. O., Gen. For.
350, 847—Miller, E. T., Gen. Solr.
1020—Miller, E. W., Aud.
979b—Miller, F., Rd. Mast.
879a—Miller, F. A., Supt. Power & Equip. & Sig.
513a—Miller, F. B., Pres.
600—Miller, F. C., Car Acct.
229—Miller, F. D., Dist. M.C.B.
428—Miller, F. D., Asst. G.P.A.
204a—Miller, F. P., Div. M. M.
756b—Miller, F. T., Gen. Coun.
198—Miller, G., Supvr. Mail Traf
342—Miller, G. A., S.M.P. & Mach.
1054—Miller, G. H., Gen. Aud
927b—Miller, G. H., Asst. Eng. Maint.
751a—Miller, G. P., Asst. Div. Supt
739a—Miller, G. R., M. M.
629—Miller, H., Asst. Eng.
861—Miller, H., Pres.
931a—Miller, H. B., Div. Car For.
58a—Miller, H. C., Str. Kpr.
877—Miller, H. J., Supt.
58b—Miller, H. J., Supvr. Rd.
384—Miller, H. J., Pur. Agt.
440a—Miller, H. L., Pres.
949—Miller, H. M., M. M.
927—Miller, H. W., V.-Pres.
751—Miller, I. A., Supvr. Oper. Expend.
751c—Miller, J., Tele. & Telo. Eng.
150—Miller, J., Car Acct.
137a—Miller, J. A., Gen. Rnd. Hse. For.
879b—Miller, J. B., Pres.
58b—Miller, J. C., Asst. G. F. & P. A.
695a—Miller, J. C., Supt. Shops.
757—Miller, J. F., Ch. Boiler Insp.
504a—Mille, J. F., Sec.
209b—Miller, J. G., Aud.
428—Miller, J. H., Supvr.
279, 821—Miller, J. H., Frt. Clm. Agt
808—Miller, J. H., Str. Kpr.
472—Miller, J. L., Trav. Eng.
693a—Miller, J. L., Eng. Brdgs. Ext. Zone.
204—Miller, J. V., Asst. Gen. Str. Kpr.
229—Miller, J. W., Div. Str. Kpr.
930—Miller, L., For. Paint.
616—Miller, L. C., Asst. Ch. Eng.
699—Miller, L. S., Pres.
512—Miller, M. D., Pres. & Gen. Mgr.
673, 978—Miller, M. M., Sec. & Asst. Treas., Treas.
547a—Miller, M. M., Asst. Treas.
808—Miller, M. S., Div. Eng.
204b—Miller, O., Rd. Mast.
927a—Miller, O. L., Tr. Supvr.
949a—Miller, O. S., Sec. & Treas.
751c—Miller, P. D., Asst. Div. Eng.
693b—Miller, P. J., Rd. For. Eng.
632—Miller, R., Asst. Sec.
1838—Miller, R., Eng.
186—Miller, R. A., Tax Comr.
779a—Miller, R. B., V.-Pres.
751c—Miller, R. C., Div. Supt.
204a—Miller, R. D., Asst. Supt. Trans.
847—Miller, R. E., Brdg. Eng.
1001b—Miller, R. F., Gen. Str. Kpr.
1080—Miller, R. F., Aud. & G. P. A.
751—Miller, R. N., Asst. Mech. Eng.
726e—Miller, R. V., Gen. Mgr.
97—Miller, S. E., Gen. Supt. Trans
637—Miller, S. E., Sec.
186—Miller, S. F., Asst. Frt. Traf. Mgr.
137c—Miller, S. H., Rd. Mast.
808—Miller, S. R., Asst. Supvr.
279—Miller, U. S., Sec.
373a—Miller, W., Aud.
141a—Miller, W. C., Asst. Aud. & Sec.
233—Miller, W. E., Supt.
930—Miller, W. F., G. F. A.
751a—Miller, W. F., Eng. M. W.
204—Miller, W. F., Aud.
860—Miller, W. J., Supt. M. P.
139h—Miller, W. O., Supt.
440a—Miller, W. S., Aud.
428—Millett, J. J., Trav. Eng.
176—Millholland, J. K., Gen. For.
1514—Millican, C. V., Traf. Mgr.
327b—Millican, G. R., V.-Pres. & Gen. Mgr.
1862—Millican, W. R., 3 V.-Pres.
137c—Millidge, E. R., Rd. Mast.
229—Milligan, H. F., Div. Supt.
334—Milliken, A. B., Sec. & Treas.
97—Milliken, A. P., Div. Supt.
139c—Milliken, R. H., Rd. Mast.
547, 547a—Milling, R. E., Gen. Atty., Gen. Solr.
751c—Million, C. E., Supt. Rest. Serv.
632—Millis, W. R., Trk. Supvr.
868—Millman, R. H., Aud.
137c—Millman, W. C., Car For.
139e—Mills, A., Rd. Mast.
286c—Mills, A. L., Pres. & Treas.
1008a—Mills, C. C., Gen. Mgr.
434—Mills, E., Gen. For. Car Dept.
389—Mills, E., Gen. Mast. Carp.
621—Mills, H., Rd. Mast.
716—Mills, H. E., Rd. For. Eng.
693c—Mills, H. O., Asst. G. F. A.
933a—Mills, J. L., Loco. For.
472—Mills, J. R., Asst. G. F. A.
931a—Mills, L. B., Rd. Mast.
157—Mills, L. M., Supvr. Trk.
757—Mills, M. J., M. C. B.
1020—Mills, O., Pres.
751—Mills, O. B., Asst. Gen. Str. Kpr.
693a—Mils, R. P., Gen. Supvr. Bldgs.
930—Mills, T., Rd. Mast.
727a—Millson, F. M., Traf. Mgr.
523—Millspaugh, P. S., Asst. G. P. A.
695c—Milne, D. F., Gen. Supt.
342—Milnes, R. Q., Fuel Supvr.
639—Milsom, C. B., Gen. Acct.
439a—Milson, G., Pass. Traf. Mgr.
207—Milton, J. H., Gen. For. Car Dept.
137a—Milton, M. V., Ch. Boil. Insp.
1208—Mimm, W. L., Traf. Mgr.
931a—Mims, A. D., Div. Supt.
757—Minard, A. J., Asst. Gen. Supt.
322—Minard, D. E., Gen. Atty.
40a—Minchin, G. H., Div. Supt.
1925a—Mindling, J. L., Sec.
322b—Minehan, P., Term. Supt.
195a—Miner, R. G., Mast. Carp.
706—Miner, W. E., Treas.
751—Minick, J. L., Asst. Elec. Eng.
1382—Minke, J. F., V.-Pres. & Gen. Mgr.
771, 1905—Minnick, F. G., Asst. Gen. Mgr., Pres.
632—Minniece, J. G., Supt.
322—Minor, G. H., V.-Pres. & Sec.
322—Minor, J. A., Gen. Land & Tax Agt.
1634a—Minskey, S. V., Traf. Mgr.
562—Minson, R. K., Traf. Mgr.
705—Minter, G. D., Div. Car Insp.
970—Minton, R. E., Gen. Atty.
428—Minton, S. T., Supvr.
209—Mintz, H. A., Asst. G. F. A.
382—Miotke, F., Car For.
1006b—Mitchel, L. A., Eng. M. W.
176—Mitchell, Jr., A., Supt. Term.
137b—Mitchell, A. B., Supt. Car Equip.
698—Mitchell, A. E., Traf. Mgr.
716—Mitchell, C., Asst. Aud.
696—Mitchell, C. A., Supt.
549—Mitchell, C. H., Ch. Lumber Insp.
204—Mitchell, C. H., Frt. Traf. Mgr.
772—Mitchell, C. J., Supt.

97—Mitchell, C. L., Gen. For. Loco. Shops.
927b—Mitchell, C. M., Gen. Supt. Trans.
179a—Mitchell, C. S., Compt.
234—Mitchell, E. B., Supt.
964—Mitchell, E. F., Ch. Eng.
58b—Mitchell, F. B., Gen. Supt.
186—Mitchell, F. E., Asst. Mech. Eng.
751c—Mitchell, F. H., Mast. Carp.
229—Mitchell, F. K., Asst. to Supt. M. P.
771—Mitchell, F. K., Sig. Insp.
696—Mitchell, F. W., Dir. Personnel.
58b—Mitchell, G., Supvr. Rd.
575—Mitchell, G., Aud.
716—Mitchell, G. A., Asst. G. F. A.
802a—Mitchell, G. I., Car Acct.
47, 956d—Mitchell, G. L., Asst. to Exec. V.-Pres. & Asst. Sec., Sec.
675, 879a—Mitchell, H. A., Pres. & Gen. Mgr., V.-Pres. & Gen. Mgr.
1070—Mitchell, H. B., Asst. Gen. Mgr.
1020c—Mitchell, H. C., Asst. G. F. A.
637c—Mitchell, H. P., G. F. & P. A.
619—Mitchell, H. S., Gen. Coun.
139—Mitchell, J., Asst. Mgr. Tel.
605—Mitchell, J. A., M. M.
49—Mitchell, J. B. S., G. F. & P. A.
137c—Mitchell, J. E., M. M.
1598—Mitchell, J. F., Dist. Supt.
692x, 693—Mitchell, J. H., Ch. Land Appr.
1894—Mitchell, J. J., V.-Pres.
1020c—Mitchell, J. M., Str. Kpr.
137b—Mitchell, J. P., Asst. Ch. Med. Officer.
1881—Mitchell, J. R., Treas.
391—Mitchell, J., W. Aud. & Car Acct.
1057c—Mitchell, J. W., Recr. & Gen. Mgr.
930—Mitchell, L. A., M. M.
462—Mitchell, L. D., Aud.
204a—Mitchell, M. L., Prin. Asst. Eng.
964—Mitchell, P. H., Gen. Car Insp.
699a—Mitchell, P. W., Sec.
70—Mitchell, R. B., Traf. Mgr.
925—Mitchell, R. F., Aud.
958a—Mitchell, R. H., Aud. & Car Acct.
137—Mitchell, R. M., Gen. R. W. Agt.
1001—Mitchell, R. R., Asst. Frt. Traf. Mgr
396a—Mitchell, R. V., Pur. Agt.
949—Mitchell, W. C., V.-Pres.
992—Mitchell, W. G., Pres.
58a—Mitchell, W. N., Gen. S. E. Frt. Agt.
771—Mitchell, W. S., Sig. Insp.
600—Mitchener, A. J., Div. Gen. Car For.
382—Mitguard, A., Div. Rd. Mast.
757—Mitten, E. L., Car Acct.
899—Mixon, H. A., M. M.
688—Moak, S. D., Rd. Mast.
929—Moak, W. V., Supvr. Sig.
831—Moberg, T. D., Aud.
1001b—Moberly, E. E., Div. Eng.
204a—Moberly, W. A., Rd. Mast.
273a—Mobley, G. J., Supt.
387—Mobley, R. L., Gen. Mgr.
997a—Mobley, Z. L., Trk. Supvr.
629—Mock, E., G. F. A.
186—Mock, H. F. Supvr. Sig.
800—Mock, J. C., Sig. Eng.
394a—Mock, T. P., Asst. Supt.
176—Mock, T. R., For. Car Dept.
1001a—Mock, W. C., Valua. Eng.
860a—Mockbee, J. R., Asst. G. F. A
195a—Modaff, H., Asst. Supt.
808—Modery, H. K., Asst. Supvr.
186—Moe, T. O., Rd. Mast.
207—Moeller, F. C., Gen. For. Loco. Dept.
936—Moffatt, Jr., B., V.-Pres.
616—Moffatt, B. F., Asst. Frt. Traf. Mgr.
275—Moffatt, E. B., Asst. to V.-Pres. & Gen. Mgr.
751b—Moffatt, Jr., J. D., Asst. Eng.
657—Moffatt, S. J., G. F. & P. A.
394a—Moffett, R. E., Gen. Car For.
751—Moffitt, Jr., J. B., Aud.
930—Moffitt, M. M., Asst. Pur. Agt.
333—Mogan, A. G., M. M.
724—Mohn, G. E., Asst. Sec.
1704—Mohr, F. A., Gen. Mgr.
808—Mohr, H., Str. Kpr.
1021—Mohr, R. E., Arch.
1001—Mohun, J. L., Mech. Asst.
927a—Moir, J. A., Asst. Eng. Maint.
751b—Moir, W. B., Gen. Car Insp.
510a—Moise, B. C., Aud. & Sec.
815—Moist, H. I., Gen. For. Loco. Dept.
618—Molander, A. L., Treas. & Gen. Mgr.
1001b—Mole, F. G., Str. Kpr.
176—Moler, A. L., Supvr. Lubri.
716—Moline, F. E., Insp. Refg. Serv.
808—Moll, G., Rd. For. Eng.
201—Molloy, J. P., Asst. Gen. Aud.
1076—Molony, C., Pres. & Gen. Mgr
989—Molsom, F., Clms. Agt.
608—Monaghan, J. A., Rd. Mast.
665a—Monahan, J. A., Sec. & Asst. Treas.
693a—Monahan, P., Supvr. Trk.
930—Monahan, W. F., Gen. Trk. Insp.
815—Moncure, A. H., Gen. For. Car Dept.
547a—Money, H. L., Asst. to V.-Pres. & Pur. Agt.
89—Monfee, A. J., Supt. M. P.
1539—Monger, H. G., Traf. Mgr.
428—Monger, J. F., Gen. For. Car Dept.
693—Monks, J. J., Asst. Frt. Traf. Mgr.
176—Monning, W. L., Asst to Gen. Str. Kpr.
47—Monroe, C. F., Asst. Str. Kpr
47—Monroe, D. W., Rd. Mast.
7a—Monroe, J. B., Gen. Coun.
1873a—Monroe, J. E., Stat.
927a—Monroe, J. E., Asst. G. F. A.
757—Monroe, J. G., Loco. For.
931—Monroe, J. T., G. P. A.
751c, 1876—Monroe, M., For. Car Rep., Treas.
987—Monroe, T. H., Sec. & Treas
137c—Monroe, W. I., Supt.
1483a—Monsalvatge, A., Mgr.
137—Monsarrat, C. N., Consit. Eng.
877—Monsell, E. M., Treas.
650—Montague, H. W., Sec.
670—Montanez, J., Div. Eng.
549—Montfort, R., Consit. Eng.
757—Montgomery, C., M. M.
204a—Montgomery, C. A., Rd. Mast.
159—Montgomery, C. E., Supt. C. S
628a, 628b—Montgomery, C. R., Off. Eng.
751a—Montgomery, C. W., Supvr.
14, 14a—Montgomery, G. A., V.-Pres. & Gen. Mgr., Pres.
837—Montgomery, H., S. M. P. & R. S.
453—Montgomery, H. B., Ch. Eng.
860a—Montgomery, J. F., Div. Eng
672—Montgomery, S. D., Aud.
716—Montgomery, T. B., Asst. Frt. Traf. Mgr.
139g—Montgomery, W. J., Rd. Mast.
705—Montgomery, W. N., Sta.
382—Montgomery, W. S., Asst. Compt.
195b—Montmorency, F., G. F. A.
377—Montony, R. H., Sec., Aud. & G. F. A.
670—Montoya, A., Bldg. Eng.
1829a—Montoya, B., Chman.
137b—Montreuil, J. O., Car For.
314—Montzheimer, A., Ch. Eng.
137c—Moodie, W. T., Supt.
137b—Moody, A., Rd. Mast.
716—Moody, F. G., Gen. Car For.
628a—Moody, G. L., Rd. Mast.
322—Moody, W. J., Treas.
428—Moody, W. O., Mech. Eng.
137b Moody, Y., Supt. S., D., Par. Cars & Ry. Rest.
751a—Moog, Jr., H., For. Car Shops
1001a—Moon, B. H., Rd. Mast.
693—Moon, D. C., Asst. to V.-Pres.
876—Moon, J. A., Supt. Trans.
921b—Moon, J. T., Supt.
1008b—Moon, N. L., Supt. & Traf. Mgr.
692—Mooney, N., Asst. G. P. A.
137b—Mooney, P., Asst. G. F. A.
693b—Mooney, W. D., Gen. For. Car Dept.
960a—Mooney, W. M., Compt.
1001c—Moore, A. B., Str. Kpr.
751c—Moore, A. F., Gen. For. Car Rep.
1266—Moore, A. I., Traf. Mgr.
294—Moore, B. R., Supt. M. P. & Cars.
1001a—Moore, C. A., Supt.
629—Moore, C. B., Aud.
322—Moore, C. H., Valua. Eng.
382—Moore, C. J., For. Paint.
860—Moore, C. J., Supvr. B. & B.
523—Moore, C. M., Supt. Float. Equip.
137b—Moore, C. R., Gen. Supt. Trans.
1843—Moore, C. R., Supvr. Pub. Util

137c–Moore, E., Loco. For.
705—Moore, E. S., Supt. Trans.
927a–Moore, E. F Trk. Supvr.
327b-Moore, E. L., Supt. Trans.
468c–Moore, E.W., 2 V.-Pres.
344—Moore, F. A., G.P.A. & Asst. G. F. A.
1397—Moore, F. G., Traf. Mgr.
137a–Moore, F. H., M. M.
472, 962—Moore, F. H., Gen. Solr.
398a–Moore, F. J., Gen. Supt. Trans
695a–Moore, F. J., G. B. A. & Sup. Div. Ser.
693a–Moore, F. N., Office Asst.
361—Moore, G. G., V.-Pres. Sec., Treas., Pur. Agt. & Gen. Mgr.
847—Moore, G. W., Asst. Supt. M. P.
1032—Moore, H., Traf. Mgr.
1562c–Moore, H. A., Gen. Mgr.
930—Moore, H. B., Rd. Mast.
966—Moore, H. B., Pres. & Gen. Mgr.
774a–Moore, H. C., Treas.
870—Moore, H. I., Recr.
40a–Moore, H. J., Div. Eng.
808—Moore, J., Sig. Insp.
188—Moore, J. B., Div. M. M.
395—Moore, J. B., G. B. A.
1021—Moore, J. C., Fuel Supvr.
629—Moore, J. D., Asst. Supt.
40a–Moore, J. E., Gen. For.
47—Moore, J. H., Rd. Mast.
123—Moore, J. H., Sig. Supvr.
137—Moore, J. H., Supt. Equip. Supp.
280—Moore, J. M., Asst. Aud.
538—Moore, J. P., V.-Chman.
137b–Moore, J. P. H., Rd. Mast.
1040—Moore, Jr., J. S., Gen. Atty.
927a–Moore, J. S., Trk. Supvr.
365—Moore, J. W., M. C. B.
927—Moore, L., Eng. Surveys.
229—Moore, L. B., Str. Kpr.
629—Moore, L. D., Elec. Eng.
927a–Moore, L. F., Jr. Eng. Maint.
272a–Moore, M., Mgr.
703—Moore, M. A., Asst. Supt.
468c–Moore, McC., Gen. Coun. & Treas.
1823—Moore, M. C., Rate Expert.
737a—Moore, N. D., V.-Pres.
927a–Moore, N. W., Asst. Rd. Mast
545—Moore, O. E., Aud.
847—Moore, P. J., Gen. For.
927b–Moore, R. B., Trk. Supvr.
930—Moore, R. D., Asst. Sig. Eng.
40b–Moore, R. J., Div. Str. Kpr.
123—Moore, R. L., Asst. Supt.
294—Moore, R. P., Pur. Agt.
654a–Moore, R. P., Sec. & Treas.
696—Moore, R. T., Sig. Supvr.
212a, 865—Moore, R. T., V.-Pres.
727—Moore, R. W., Supt. M. P.
1402—Moore, R. W., Traf. Mgr.
718c–Moore, S., Gen. Coun.
475—Moore, S., Rd. Mast.
628a–Moore, S. B., Supt.
472—Moore, S. W., Gen. Coun.
1655—Moore, T. M., Traf. Mgr.
195a–Moore, T. P., Rd. For. Loco.
322a–Moore, W., M. M.
886—Moore, W. C., Frt. Clm. Agt.
137b–Moore, W. C., M. M.

693a—Moore, W. J., Gen. Loco. Insp
886—Moore, W. M., Asst. Rd. For. Eng.
757—Moore, W. N., Boiler For.
137c–Moore, W. R., Dist. Car For.
551—Moore, W. S., Eng. M. W
523—Moore, W. T., For. Frt. Agt.
629b–Moore. W. W., Rd. Mast.
808—Moorehouse, J. W., Elec. Supvr.
428—Moorhead, J. W., Sig. Supvr.
551—Moorman, J. S., Car Acct.
931—Moors, H. M., Frt. Clm. Agt.
322, 1860a—Moorshead, A. L., Ind. Eng., 2 V.-Pres.
930—Moquist, A. E., Rd. Mast.
670—Mora, R., Div. Supt.
230—Morales, J., Supt.
670—Morales, P. C., Supt. Mach. & M. P.
322—Moran, A. J., Aud.
673—Moran, C., Pres.
926—Moran, C. E., Gen. Supt. Elec. Oper.
58, 59—Moran, C. H., R. E. Agt.
198—Moran, H. E., Car For.
349—Moran, J., Rd. Mast.
1001a–Moran, J., Rd. Mast.
847—Moran, J. A., Supt.
687—Moran, T., Rd. Mast.
430—Moran, T. P., Supt.
58b–Moran, W. E., Pow. Plant Supvr.
229—Moran, W E., Eng. Fire Prot
289—Morash, A. H., Car Acct.
616—Morawetz, R. S., Aud.
137b–Morazain, J. E., Gen. Supt.
815—Mordecai, J. B., Traf. Mgr.
176—Mordica, W. A., Rd. For. Eng
160—More, C. E., Gen. Mgr.
195a–Mored, H. S., Div. M. M.
886—Morehart, F. D., Ch. Sig. Insp.
200—Morehead, L. B., Mech. Eng.
428—Morehead, W. S., Asst. Gen. Str. Kpr.
186—Morehouse, N. F., Asst. Gen. Solr.
751a–Morehouse, W. P., M. M.
274a–Moreland, A. M., Recr.
1031e–Moreland, A. N., M. M.
930a–Moreno, F. V., Rd. Mast.
930a–Moreno, J. C., Div. Eng.
40c–Moreton, A., Pur Agt.
33a–Morey, C. A., Pur. Agt. & Supt.
733—Morford, E. R., Aud. & G. F. A
870—Morford, W. P., M. M.
1835—Morgal, B. F., Ch. Bur. of Accts. & Stat.
1800a–Morgan, A., Ch. Bureau Informal Cases.
284—Morgan, A. L., Ch. Eng.
1057c–Morgan, B. C., G. F. & P. A.
695a, 695b–Morgan, B. E., Traf. Mgr.
847—Morgan, B. G., Rnd. Hse. For.
274—Morgan, C. A., Supt.
87—Morgan, C. F., V.-Pres.
195—Morgan, E. F., Asst. Aud.
1801—Morgan, F. P., Comr.
428—Morgan, H. G., Sig. Eng.
157—Morgan, H. H., Mast. Paint.
157—Morgan, J., Supvr. Trk.

1020c—Morgan, J., Supvr. B. & B. Wat. Supply.
394—Morgan, J. E., V.-Pres.
927b–Morgan, J. G., Jr. Eng. Maint
137c–Morgan, J. H., Dist. Str. Kpr.
342—Morgan, J. H., Rd. Mast.
428—Morgan, J. H., Gen. For. B. & B.
207—Morgan, J. K., Gen. For. Loco. Dept.
886—Morgan, J. R., Gen. Rd. Mast.
1362—Morgan, J. W., Traf. Mgr.
428—Morgan, N. B., Dist. Eng.
139e–Morgan, R. C., Term. Supt.
396—Morgan, R. H., Aud.
927a–Morgan, S. H., Rd. Mast.
847—Morgan, W. A., Gen. For. Car Dept.
472—Morgan, W. G., Div. Eng.
147a–Morgart, L. A., Sec.
147a–Morgart, W. A., Pres.
322—Morgenroth, E. F., Asst. Treas.
696—Moriarity, G. A., Gen. Mech. Supt.
137c–Moriarty, J., Rd. Mast.
279—Moriarty, K. L., Div. Eng.
737a–Moriarty, T., Rd. Mast.
933a–Moriarty, T. J., Rd. Mast.
886—Moriaty, J. W., Str. Kpr.
139—Morice, J. A., For. Frt. Agt.
137a–Morin, J. V., Str. Kpr.
716—Morisee, R. R., Div. Str. Kpr.
382—Morison, D. W., Supt. Employ. Bur.
800—Morissette, V., Car Acct.
41—Moritz, A., Supt. Trans.
798—Morkill, J. T., Ch. Eng.
378a–Morley, W. K., Pres.
670—Morones, M., Div. Str. Kpr.
428—Morphew, J. R., Brdg. Insp.
837—Morphy, L. G., Ch. Eng.
563—Morrill, A. H., Eng. Const. & Ch. Valua. Com.
847—Morrill, C. H., Asst. Frt. Traf. Mgr.
931a–Morrill, C. R., Div. Supt.
639b–Morrill, F. P., Mgr.
639—Morrill, H. E., Supt.
886—Morris, A. A., Rd. Mast.
726d–Morris, A. E., G. F. & P. A.
931a–Morris, A. J., Asst. G. F. A.
964—Morris, C. G., Rd. For. Eng.
1051—Morris, D. J., Supt. C. S.
860—Morris, D. H., V.-Pres.
1877—Morris, E., Chman.
1598—Morris, E. C., Gen. Aud.
1832—Morris, E. H., Ch. Eng.
1009a–Morris, E. L., Aud.
1700—Morris, F. E., Supt. Trans.
186—Morris, H., Div. M. M.
96—Morris, H. A., Rd. For. Eng.
1865—Morris, H. D., Sec. & Treas.
847—Morris, H. E., Asst. G. F. & P. A.
304—Morris, H. H., Asst. Sec. & Asst. Treas.
1051—Morris, H. W., Asst. Pur. Agt
500—Morris, I. G., Compt.
413—Morris, I. W., Asst. G. F. A.
1850k–Morris, J. A., Dist. Mgr.
629—Morris, J. A., Rd. Mast.
342—Morris, J. E., M. M.
279—Morris, J. F., Asst. Gen. Aud.
432—Morris, J. H., Supt.

510—Morris, J. M., V.-Pres.
1553a—Morris, J. M., Traf. Mgr.
40a—Morris, J. P., Div. M. M.
695a, 695b—Morris, J. S., Eng. Shops & Mach.
695—Morris, L., Traf. Mgr.
406—Morris, L. L., V.-Pres.
1001b—Morris. L. M., Dist. For.
996—Morris, L. R., Pres.
930—Morris, L. U., Div. Supt.
539—Morris, L. V., Ch. Eng.
966—Morris, R., Sec. & Aud.
927a—Morris, R. H., Asst. Frt. Traf. Mgr.
540—Morris, S. M., V.-Pres. & Gen. Mgr.
997b—Morris, W. C., Trk. Supvr.
808—Morris, W. H., Asst. Gen. Str. Kpr.
786—Morris, W. J., Pur. Agt.
549—Morris, W. R., Asst. Eng.
751—Morris, W. W., Asst. to Gen. Pur. Agt.
40—Morrison, A. P., Asst. Pass. Traf. Mgr.
629—Morrison, A. P., Div. Eng.
696—Morrison, C. H., Sig. Eng.
34—Morrison, C. M., Traf. Mgr.
97—Morrison, D. J., Trk. Supvr.
164—Morrison, E. A., M. M.
930—Morrison, E. C., Div. Eng.
204a—Morrison, G. R., Supt. Emp. Bur.
877—Morrison, H. T., Gen. Mgr.
137b—Morrison, H. T., Locat. Eng
207—Morrison. H. W., Asst. Frt. Traf. Mgr.
195—Morrison, I. G., Str. Kpr.
549—Morrison, J. A., Div. Supt.
716—Morrison, J. G., G. F. A.
523—Morrison, J. I., Gen. Aud.
274—Morrison, J. M., Rd. For. Eng
796—Morrison, J. T., V.-Pres.
97—Morrison, M., Div. Car. For.
757—Morrison, R. A., Div. Rd. Mast.
549—Morrison, R. C., Div. Supt.
1908a—Morrison, R. H., Sec. & Treas.
808—Morrison, R. W. G., Asst. Supvr.
137c—Morrison. S., Dist. Eng.
695e—Morrison. T. C., Aud.
58b—Morrison, T. D., Asst. Div. Eng.
137b—Morrison, W., Str. Kpr.
693a—Morrison, W., Sig. Eng.
40c—Morrison, W. A., Ch. Surg.
389—Morrison, W. A., Trav. Eng.
275—Morrison, W. B., Gen. Mech. Insp.
773—Morrison, W. W., Ch. Eng.
47, 1850a—Morrison, W. W., Supt. Police, Chman.
66a—Morriss, R. M., Sec.
503—Morrissey, J. J., Gen. For. Trk. & Rdway.
626, 627b—Morrow, C. E., Asst. Eng.
949a—Morrow, E. M., Asst. Sec. & Asst. Treas.
1800b—Morrow, E. P., Comr.
79, 191—Morrow, F. E., Asst. Ch. Eng
1936—Morrow, F. E., 1 V.-Pres.
1021—Morrow, F. E., Supvr.
696, 1911—Morrow, G. W., Trk. Supvr., Pres.
1001c—Morrow, J. W., Tax & R. of W. Agt.
751b—Morrow, R. T., Asst to V.-Pres.
193—Morrow, W., Div. Eng.
960a—Morse, B. P., V.-Pres.
207—Morse, C. A., Ch. Eng.
693a—Morse, C. H., Supvr. Trk.
322—Morse, C. P., G. F. & P. A.
47—Morse, C. S., Tax Agt.
438a—Morse, G. A., Sec.
751b—Morse, Jr., R. C., Gen. Supt.
1925b—Morse, W. E., V.-Chman.
994—Morss, F. G., Pur. Agt. & Eng.
389—Mortimer, E. M., M. M.
137c—Mortimer, G., Loco. For.
510—Mortimer, W. W., Asst. Supt.
195—Morton, G., Asst. Frt. Traf. Mgr.
696—Morton, G. A., Gen. Bag., Mail & Exp. Agt.
139—Morton, J. J., For. Frt. Agt.
22—Morton, J. S., Pres. & Gen. Mgr.
705a—Morton, L. B., Supvr. B. & B
549—Morton, L. L., Spec. Eng.
274—Morton, R., Gen. For.
860, 860a—Mosby, W., Supt. Trans.
229c—Moseley, W. S., Mech. Eng.
176—Moseman, L. H., Aud.
523—Moser, F. H., Coal Frt. Agt.
409—Moser, G. A., Frt. Clm. Agt.
1039—Moser, H. S., Div. Str. Kpr.
381b—Moses, C. H., Sec.
692x—Moses, E. P., Eng. R. S.
960a—Moses, F. A., Frt. Clm. Agt.
59—Moses, F. K., M. M.
40c—Moses, J. F., Asst. G. P. A.
927a—Mosher, W. T., Asst. Eng Maint.
821—Moshisky, P. C., Gen. For.
428—Mosier, E. A., Gen. For. Loco. Dept.
705—Mosley, I. N., Gen. For. Foundry.
670—Mosqueda, O. H., Rd. Mast.
670—Mosqueda, P. B., Rd. Mast.
423—Moss, B. E., Supvr.
139e—Moss, C. S., Div. Term. Eng. & Mast. B. & B.
195—Moss, D. B., Ch. Med. & Surg. Off.
176—Moss, F. B., M. M.
137b—Moss, H. J., Car For.
705—Moss, W. B., Stat.
139e—Moth, G., Div. M, M.
139—Motley, P. B., Eng. Brdgs.
58—Motry, G. A., Sig. Insp.
930—Mott, P. R., Forn. Frt. Agt.
693c—Mottice, C. B., Gen. For.
1067a—Motto, J. O., Traf. Mgr.
137a—Motton. F. G., Aud.
345—Motz, G. E., Pur. Agt.
428—Moulder, H. S., Ch. Gardn'r.
96—Moulton, C. B., Frt. Clm. Agt.
657—Moulton, T. E., Supt.
28—Moulton. W. H., Ch. Eng.
322a—Mounce, R. S., Gen. For. Car Reps.
549—Mounce, W. R., Supvr.
395a—Mountfort, E. L., Asst. Traf. Mgr.
428a, 628b—Mousand. E. M., Asst. to Eng. M. W.
980—Mowat, D., G. F. & P. A.
137c—Mowat, W., Car For.
58a—Mowery, G. B., Gen. For. Loco. Dept.
97—Moxham. H. G., Ch. Police.
798—Moy, W. S., Car Acct.
751c—Moyer, J. W., Rd. For. Eng.
751—Moyer, W. U., Asst to Pres.
154, 696—Moyninan, H. A., Supt.
322—Moyninan, J. J., Supvr Trans.
40a—Moyninan, L. A., Gen. For.
1811—Moyninan, P. H., Comr.
413—Mozier, W. R., Aud.
395—Mozley, F. M., Div. M. M.
569—Mrkvicka, G. A., Aud.
629—Muchall, H. H., Asst. G. P. A
204a—Muckerheide, E. J., Sig. Insp.
137c—Muckle, A., Loco. For.
1606b—Muckle, A. G., Traf. Mgr.
930—Muckley, G. H., Asst. Gen. Atty.
40b—Mudge, E. S., Valua. Eng.
1703—Mudge, S. H., Gen. Supt.
804—Mudie, J. M., Ch. Eng.
808—Mueller, A., Supt. Time Serv.
499—Mueller, A. H., G. F. & P. A
257—Mueller, F. V., M. M.
757—Mueller, L. E., Mgr. Mail, Bag & Exp. Traf.
133—Mueller, R., Sec.
825—Mueller, R. J., Sec. & Treas
619—Mueller, R. A., Aud.
207—Mueller, S. E., Asst. Supt. Shops.
209—Mueller, W., Tax Comr.
48a—Mueller, W. C., V.-Pres.
756a—Mueller. W. M., Supt.
580a—Muessen, H. J., Supt.
580a—Muessen, J. W., Gen. Mgr.
40a—Muff, W. F., Rd. Mast.
1040—Muhl, K., Rd. For. Eng.
328—Muhlhausen, G., Pres. & Gen. Mgr.
796—Muir, F. M., Sec. & Treas
139—Muir, J. D., Asst. Wks. Mgr.
137, 1700a—Muir, W. C., Gen. Mgr. Exp. Dept.
260—Muirhead, H. T., M. M.
930—Mulchay, J. H., Asst. Frt. Traf. Mgr.
1009a—Mulcahy, P. H., Gen. Mgr.
692x—Mulder, J., Gen. Supvr. Lbr. & Tie Insp.
382—Muldowney, J., Trav. Eng.
778—Mulhern, B. C., Gen. Supt.
133—Mulholland, R., M. M.
1001a—Mulick, J. E., Supt.
195—Mulkey, P. F., Eng. Cap. Exp.
930—Mulks, F., Asst. to Exec. V.-Pres.
664, 930, 930a, 931, 931a—Mulks, G. W., Compt.
275—Mullaghy, H. J., Div. Supt.
310—Mullaney, C. W., Pur. Agt.
1325—Mullaney, J. T., Traf. Mgr.
97—Mullaney, P. J., Asst. G. F. A.
696—Mullen, A. C. E., Asst. Eng. Const.
229—Mullen, D. J., Supt. M. P.
195b—Mullen, F. R., Div. Supt.
1256—Mullen, J., V.-Pres.

58a–Mullen, M. E., Gen. For. Loco. Dept.
581—Mullen, N. V., M. M.
58b–Mullen, P. J., Asst. Str. Kpr.
203, 204a—Mullen, P. L., M. M., Div. M. M.
498—Mullendorf, W. For. Car Paint.
1001a–Mullens, A. R., Div. Str. Kpr.
967—Muller, A. B., Sec. & Treas.
886—Muller, C. E., Asst. Frt. Traf. Mgr.
693—Muller, C. J., Sta.
472—Muller, G. W., Trans. Agt. & Asst. Sec.
275—Muller, J. F., Ind. Agt.
997a–Muller, J. P., Ch. Sig. & Elec. Insp.
332—Muller, L., Gen. Mgr., & G. F. & P. A.
523—Mulligan, M. A., Div. Supt.
159—Mulligan, T. C., Mgr. Marine Dept.
373a–Mulligan, W. A., Mech. Supt
274—Mullin, W. J., Gen. Traf. Mgr.
97—Mullin, W. J., Str. Kpr.
333—Mullings, J. S., Ch. Eng.
180—Mullinix, T. M., Loco. For.
137g–Mullins, A. Z., Div. Frt. Agt.
1522c–Mulroy, H. C., Pres.
1598—Mulroy, J. R., Gen. Str. Kpr
927a–Mulvaney S. J., Supt.
58—Mulvey, J. H., Asst. Eng.
639—Mulvoy, J., Rd. Mast.
137b–Muma, C. H., Rd. Mast.
176—Mumford, R. W., Div. Eng.
372—Mumma, M. V., Treas.
137c–Muncey, L. F., Supt. Trans.
1901a–Mundy, F. W., V.-Chman.
879b, 1633—Munger, D. A., Traf. Mgr.
693, 693c—Munger, W. E., Mgr. Frt. Rev. Bur.
1473b–Munk, W. F., Traf. Mgr.
186—Munn, A. A., Rd. Mast.
382—Munn, A. J., Dist. Str. Kpr.
670—Munoz, E. E., Frt. Agt.
681a–Munoz, S. C., Pres.
137b–Munroe, A. H., Loco. For.
137c–Munroe, C. A., Car. For.
322a–Munroe, J. T., Shop Supt.
137b–Munroe, R. J., Rd. Mast.
137c–Munroe, St. J., Div. Eng.
382—Munson, A., Car For.
619—Munson, A., Rd Mast.
1244—Munson, E. A., Traf. Mgr.
150—Munson, J., M. M.
927—Munson, J. B., V.-Pres.
629—Munson, M. M., Insp. Water Serv.
97—Munster, A. W., Pur. Agt.
229—Munyan, C. B., Asst. G. P. A.
46—Mura, R. F., For. Car Shops.
47—Murchison, J. C., Exec. Gen. Agt.
751b–Murdoch, W. M., Asst. Eng.
139f–Murdock, A. J. G., Rd. Mast.
64—Murdock, E. B., Treas. & Gen. Mgr.
64—Murdock, H. B., Sec.
699b, 700—Murdock, H. L., Gen. Aud. & G. F. A., Aud.
64—Murdock, J. M., Pres. and Pass. Agt.
715—Murdoch, P., Compt.
61—Murdock, T., Pres. & Gen. Mgr.
964—Murff, L. H., Gen. Paint. For.
270—Murlin, O. H., G. F. & P. A
716—Murn, W. P., Rd. Mast.
847—Murney, W. B., Gen. For.
139, 311a—Murphy, C., Gen. Mgr., V.-Pres.
693c–Murphy, C., Supvr.
496—Murphy, C. A., Supt.
127—Murphy, C. F., Supt.
1704—Murphy, C. H., Gen. Supt. Time Serv.
927b–Murphy, C. J., Rd. Mast.
930—Murphy, C. M., Div. Supt.
186—Murphy, D. C., Rd. Mast.
200—Murphy, D. E., Div. Supt.
424—Murphy, E., Gen. Mgr.
180—Murphy, E. L., Trav. Str. Kpr
58b–Murphy, F. A., Dist. Str. Kpr.
1020—Murphy, F. E., V.-Pres.
428—Murphy, F. G., Supvr.
229—Murphy, F. K., Asst. S. M. P.
802—Murphy, F. S., Pres.
195b–Murphy, H. C., Eng. M. W.
693a–Murphy, H. L., Rd. For. Eng.
204a–Murphy, J., Rd. Mast.
1849—Murphy, J., Elec. Eng.
523—Murphy, J. A., Supvr.
632—Murphy, J. B., Supt. Tel.
716—Murphy, J. C., Rd. For. Eng.
207—Murphy, J. D., Div. Str. Kpr.
428—Murphy, J. E., Asst. Eng.
696—Murphy, J. E., Supt. Car Serv.
79, 191—Murphy, J. E., Treas.
304—Murphy, J. G., Rd. Mast.
685a—Murphy, J. H., Act. Pres.
209—Murphy, J. J., Rnd. Hse. For.
1838—Murphy, J. J., V.-Chman.
139h–Murphy, J. N., Rd. Mast.
692x–Murphy, J. P., Strs. Asst. to Mgr. Pur. & Strs.
931a–Murphy, J. V., Rd. Mast.
927b–Murphy, J. W., Trk. Supvr
204a–Murphy, M., Rd. Mast.
137c–Murphy, M. B., Supt.
58b–Murphy, M. D., Dist. Boiler Insp.
950—Murphy, M. E., Mech. Supt.
180—Murphy, M. H., Rd. Mast.
523—Murphy, M. J., Supvr.
723—Murphy, M. J., Aud.
204a–Murphy, M. J., Rd. Mast.
629—Murphy, M. W., Rd. Mast.
498—Murphy, P. J., V.-Pres. & Gen. Mgr.
693b–Murphy, P. J., Rd. For. Eng
866—Murphy, R. H., Str. Kpr.
201—Murphy, T., Asst. Rd. Mast.
927a–Murphy, T. E., Sig. Supvr.
164—Murphy, T. J., Mast. Carp.
58—Murphy, T. J., Asst. to Pur. Agt.
808—Murphy, W. E., Aud.
137—Murphy, W. S., Gen. Time Supvr.
886—Murr, L. A., Asst. Eng.
234—Murray, A. S., Rd. Mast.
204b–Murray, E., Div. Eng.
176—Murray, E. A., Shop Supt.
556—Murray, E. F., Sec.
186—Murray, E. L., Eng. Hse. For.
322b–Murray, F. H., M. M.
137c–Murray, G., Div. Eng.
137g–Murray, G. E., Elec. & Mech. Eng.
322a–Murray, G. M., Supt. Frt. Serv.
800—Murray, H., V.-Pres.
1888a–Murray, J. A., Pres.
751a–Murray, J. B., For. Boil. Shops.
627c–Murray, J. C., V.-Pres. & Gen. Mgr.
751—Murray, J. F., Asst. Ch. Eng.
498—Murray, J. H., Car Acct.
927b–Murray, J. R., Brdg. Insp.
58—Murray, J. S., Asst. to Pres.
19, 846a—Murray, J. S., Pur. Agt.
361—Murray, M. M., Aud. & G. F. & P. A.
229—Murray, R. D., Asst. Aud.
1001c, 1076e–Murray, S., Asst. Ch. Eng., Eng.
693—Murray, S. C., Gen. Atty.
693a–Murray, W. A., Eng. Trk. Ex. Zone.
137b–Murray, W. B., Rd. Mast.
1895—Murray, W. B., Pres.
186—Murray, W. B., Asst. Div. Supt.
629—Murray, W. F., Rd. Mast.
860a–Murray, W. F., G. F. A.
159—Murray, W. F., M. M.
1001b–Murray, W. H., Dist. For.
1001a–Murray, W. H., G. P. A.
633—Murray, W. H., Traf. Mgr. & Aud.
186—Murrin, J., Supt. Lo. Shops.
108—Murrin, W. G., V.-Pres.
314—Muschott, A. E., Rd. Mast.
1432, 1668—Muse, C. A., Supt. Ship.
1587—Musgrave, C. R., Traf. Mgr.
137a–Musgrave, H. V., Asst. Sup.
93—Musgrove, C. H., M. M.
290—Musick, G. W., Aud.
1031—Musser, C. R., Sec.
751a–Musser, C. W., For. Mach. Shop.
727a–Musser, H., Pres.
727a–Musser, J. C., Sec.
159—Mussman, O. L., Str. Kpr.
204b–Musson, C. A. W., Div. Eng.
137c–Mutchler, C. D., Asst. Supt.
520—Muth, W. C., Supt.
195b–Myer, M. M., Mast. Carp.
395—Myers, B. F., Rd. Mast.
150—Myers, C. B., Aud.
990—Myers, C. H., G. F. & P. A.
539—Myers, C. W., R. E. Agt.
40—Myers, D. L., Asst. Frt. Traf. Mgr.
137b–Myers, E., Rd. Mast.
716—Myers, E. J., Asst. Gen. Str. Kpr.
229—Myers, F., Asst. Div. Eng.
629—Myers, F., Sig. Supvr.
137c, 137f–Myers, E. W., Str. Kpr.
137c–Myers, F. J., Asst. Supt.
40b–Myers, F. L., Asst. Gen. Mgr.
204a–Myers, G. W., Asst. G. F. A.
751b–Myers, G. W., Supvr.
523—Myers, H. E., M. M.
629—Myers, H. M., Supvr. B. & B.
258—Myers, J. B., Aud.
58—Myers, J. B., Eng. Rdway.
382—Myers, J. Q., Loco. For.
85—Myers, J. S., Pur. Agt.

1475a—Myers, S. B., Traf. Mgr.
306a—Myers, W. C., Gen. Supt.
825—Mylrea, J. D., Pres.
428—Myron, S.F., Supt. Din. Serv
804a—Mytinger, R. E., Gen. Mgr.

N

600—Naas, C., Div. Str. Kpr.
1697a—Naber, J. V., Traf. Mgr.
927a—Nabors, H. B., Gen. For.
751a—Nace, R. R., Div. Supt.
200—Naery J. S., M. C. B.
629—Nagel, J. R., Div. Eng.
699—Nagle, C. L., Aud.
229—Nagle, G. J., Trk. Supvr.
847—Nahler, E. G., Gen. Atty.
139—Naismith, P. L., Mgr. Dept. Nat. Resources.
347—Nakdimen, I. H., Pres.
860a—Nall, V. C., Div. Eng.
883a—Nalley, G. T., Pur. Agt. & Supt. Car Serv.
1837—Nance, J. H., Comr.
581—Nance, O. H., Pres. & Gen. Mgr.
771—Nannah, F. J., Eng. Constr. & Val. Eng.
115—Nanney, T. H., M. M.
1076e—Nanson, I. M., Sec.
137b—Napier, J. J., Supt.
886—Napier, J. M., Rd. Mast.
186—Nash, C. C., Dist. M. C. B.
209—Nash, C. P., Loc. Treas.
616, 623—Nash, E. E., Ch. Oper. Off., Pres.
428—Nash, F. P., Gen. For. Loco. Supt.
751—Nash, F. W., Asst. G. F. A.
428—Nash, G. J., Asst. Eng.
428—Nash, J. H., Supt. M. P.
369—Nash, J. T., For. Paint.
968b—Nash, L. J., Str. Kpr.
847—Nash, L. P., Asst. G. F. A.
847—Nash, R. N., Asst. Frt. Traf. Mgr.
453a—Nason, A. J., Pres.
1704—Nathan, J. F., Gen. Mgr.
428—Nau, O. F., Loc. Treas.
17—Naud, A. G., Sec. & Treas.
1001b—Nauman, F. D., Asst. Chief Eng.
751—Nauman, G., Asst. to Ch. Eng
428—Naumann, W. F., Div. Str. Kpr.
1015—Nava, J., Supt.
670—Navarro, M. G., Div. Supt.
670—Navarro, P., Rd. Mast.
751c—Navin, J. J., Supvr.
625—Naylor, E., M. M.
964—Naylor, F. R., Asst. Eng.
139—Naylor, H. R., Asst. Wks. Mgr.
58b—Naylor, J., Asst. Str. Kpr.
1374a—Naylor, P. R., Gen. Traf. Mgr
209—Naylor, T., For. Rnd. Hse.
930—Naylor, V. R., Div. Str. Kpr.
275—Neafie, A. J., Prin. Asst. Eng.
528—Neagle, E. F., Asst. G. F. A.
930—Neal, C. H., Rd. Mast.
1488a—Neal, C. M., Traf. Mgr.
182—Neal, G. P., Sig. Insp.
927b—Neal, J. H., For. Paint.
1001a—Neal, J. W., Rd. For. Eng.
139—Neal, W. M., Asst. to V.-Pres.
619—Nealis, J. M., Rd. Mast.
49—Nealor, J., Eng. Maint.
432a—Near, R. G., G. F. & P. A.
1598—Neat, F. R., Dist. Supt.
279—Nedwideck, J. T., Gen. Supt.
186—Nee, D., Rd. For. Eng.
204a—Nee, P. H., Div. Supt.
137b—Needham, C. F., Asst. to Gen. Mgr.
428—Needham, H. L., M. M.
47—Needham, J. N., Asst. Comsy. Agt.
933a—Needham, L. K., Res. Eng.
61b—Needham, R., B. Traf. Mgr.
137b—Needham, R. J., Mech. & Elec. Eng.
703, 705, 1850—Needles, A. C., V.-Pres., Pres., Dir.
473—Neel, W., Rd. Mast.
139c—Neely, J. H., Rd. Mast.
1239—Neely, J. L., Traf. Mgr.
291—Neely, S. L., Treas. & Asst. Sec.
757—Neeley, S., Div. Rd. Mast.
628b—Neer, D. M., Rd. Mast.
1859—Neese, J. B., Pres.
600—Neesley, F. P., Asst. Supt. M. P.
1071—Neff, G. C., V.-Pres.
927a—Neff, J. K., Asst. Eng. Maint.
521—Neff, O. E., Asst. Treas.
439—Neff, P. J.. Asst. to V.-Pres.
279—Neff, W. N., Supt.
539—Nehrhoff, F., Trk. Supvr.
382—Neide, H. R., Div. Supt.
629—Neiderhelm, H., Rd. Mast.
437—Neikirk, R. M., Supvr.
463—Neil, R. H., Ch. Eng.
139—Neil, W. D., Asst. Mgr. Tel.
930, 930a, 931, 931a—Neill, H., V.-Pres. & Sec., V.-Pres., Sec., Asst. Sec.
139g—Neill, J., Asst. Supt.
495a—Neils, G., Treas.
495a—Neils, J., Pres.
495a—Neils, W., V.-Pres.
751—Neilson, E. S., Gen. For. Frt. Agt.
61, 751—Neilson, L., Sec.
781—Neilson, R. H., Sec. & Gen. Atty.
306a—Neilson, T. C., Clm. Agt.
198a—Neiman, W., For.
716—Neish, J. B., M. M.
47—Nelligan, J. J., Asst. Treas.
280—Nelligan, J. J., Div. Rd. Mast
560, 886—Nellis, F. L., Asst. Sec., Asst. Sec. & Asst. Treas.
1852—Nellis, F. M., Sec.
493, 705a—Nelms, Jr., J. C., Aud., Gen. Aud.
298—Nelson, A., Rd. Mast.
234—Nelson, A., Rd. For. Eng.
41—Nelson, A. B., Supvr.
382—Nelson, A. L., Dist. Str. Kpr
133—Nelson, A. T., Aud.
382—Nelson, A. W., Div. Str. Kpr.
693a—Nelson, B. F., Str. Kpr.
870—Nelson, C., Rd. Mast.
619—Nelson, C., Rd. Mast.
693b—Nelson, C. B., Gen. For. Eng. Hse.
693b—Nelson, C. E., Supvr. Trk.
716—Nelson, C. F., Div. Rd. Mast.
1875—Nelson, C. J., 1 V.-Pres.
358—Nelson, C. V., Sec. & Treas.
32a, 426a, 546a, 573, 663—Nelson, C. W., V.-Pres.
40a—Nelson, C. W., Asst. Div. Supt
176—Nelson, C. W., Supvr. Tram. Control.
195b—Nelson, D. J., Asst. Div. Supt.
715—Nelson, E. E., Asst. Sec. & Asst. Treas.
716—Nelson, E. E., Asst. G. P. A.
628b—Nelson, E. T., Treas.
314—Nelson, F., Paint For.
625a, 899—Nelson, F. A., Sec & Traf. Mgr., Traf. Mgr.
186—Nelson, F. A., Eng. Hse. For.
696—Nelson, F. W., Div. M. M.
234—Nelson, G. A., Car Acct.
1910, 1915—Nelson, G. A., Sec. & Treas., Chman.
386b—Nelson, G. E., Sec.
186—Nelson, G. W., Aud.
180—Nelson, H. B., Shop Supt.
139d—Nelson, H. C., Div. Eng.
382—Nelson, J. A., Ch. Frt. Clm. Agt.
653—Nelson, Jr., J. A., Sec. & Treas.
137c—Nelson, J. E., Supt.
1871—Nelson, J. E., V.-Pres.
716—Nelson, J. L., Rd. Mast.
176—Nelson, J. P., Spec. Engr. Valua.
666—Nelson, M. A., Trk. Sr. pvr.
716—Nelson, M. H., Gen. Loco. For
504, 899—Nelson, M. P., Pres.
1001a—Nelson, O., Gen. Str. Kpr.
41, 1001e—Nelson, O. T., Ch. Eng., Eng. Maint.
382—Nelson, P., Dist. Rd. Mast.
930—Nelson, P. N., Supvr. B. & B.
322b—Nelson, R., For. Sig. Maint.
176—Nelson, R. M., Pur. Agt.
133a—Nelson, V. H., Supt.
782—Nelson, W. H., Traf. Mgr.
472—Nelson, W. N., Mech. Eng.
866—Nelson, W. W., Supt. Trans.
930—Neph, J., Div. Str. Kpr.
930—Neph, J. C., Dist. Str. Kpr.
629—Neptune, W. M., Prin. Asst. Eng.
696—Nero, G. H., Aud.
139—Nerontsos, C. D., Asst. Mgr. B. C. Coast Serv.
933—Nesbit, F. I., Gen. For.
137c—Nesbit, J., Car For.
24—Nesmith, M. B., Gen. Clm. Agt.
771—Nessle, J. B., Traf. Mgr.
716—Nester, J., Rd. Mast.
229a—Nester, J. A., Gen. Supt.
751a—Nester, P., For. Car Shops.
751b—Nestor, T. E., Div. Eng.
186—Nethercot, S. G., Asst. G. F. A.
1936—Nethercut, E. S., Sec.
931—Netherwood, J. S., Asst. Supt. M. P.
1844—Nethken, C. E., Comr.
774a—Nethken, H. W., V.-Pres. & Gen. Mgr.
139b—Netterfield, T., Rd. Mast.
927—Nettles, W. B., Div. Str. Kpr.
629—Nettleton, V. I., Asst. R. of W. Agt.
137g—Neubaurer, T. J., Car For.

693a–Neubert, J. V., Eng. M. W. Ex. Zone.
204a–Neugent, P., Rd. Mast.
137b–Neville, E. C., B. & B. Mast.
428–Neville, H. V., Trav. Eng.
927b–Neville, J. J., Asst. Rd. For. Eng.
137c–Neville, P. H., Loco. For.
449–Neville, S. A., Pres. & G. M.
666–Nevils, J. H., Trk. Supvr.
1020c–Nevins, B. E., M. M.
1040–Nevins, B. F., Gen. Live Stock Agt.
207–Nevins, F. J., Valua. Eng.
960–New, A. P., Rd. Mast.
931a–New, B. F., Gen. Str. Kpr.
128–New, C. A., G. F. & P. A.
473–New, W. E., M. M.
62–Newbegin, P. C., Maint. Eng.
186–Newberg, C., Rd. Mast.
737d–Newall, G., Mgr.
539, 751–Newbern, R. H., Supt. Ins., Supt. Ins. Dept.
751–Newberrey, W. L., For. Frt. Agt.
274–Newcomb, H. T., Gen. Solr.
159–Newcomb, L. W., R. E. & Tax Agt.
696–Newcomb, R. H., Asst. to V.-Pres.
453–Newcomb, T. H. Y., M. M.
751b–Newcomet, H. E., Gen. Supt.
981–Newell, A. B., Pres. & Gen. Mgr.
930–Newell, A. G., Rd. For. Eng.
313–Newell, C. H., V.-Pres.
751a–Newell, C. W., Supvr.
623a–Newell, G. C., Car Act.
108–Newell, J. I., Elec. Supt.
24–Newell, J. N., V.-Pres.
1021–Newell, J. W., V.-Pres.
47–Newell, Jr., W. H., Dist. Supt
47–Newell, W. H., Gen. Supt.
903–Newell, W. H., Ch. Eng.
176–Newell, W. T., Supvr. Float Equip.
382–Newgard, A. B., Loco. For.
382–Newgard, W. S., Loco. For.
425–Newhall, C. S., V.-Pres.
619–Newhouse, B., Aud.
773–Newkirk, C. M., Rd. For. Eng
142–Newland, F., M. M.
1700–Newlean, J. W., V.-Pres. & Treas.
58–Newman, C. M., Supvr. Shops.
927–Newman, F. C., Div. Str. Kpr.
619–Newman, F. R., V.-Pres.
693b–Newman, H., For. Paint.
778–Newman, H. L., Maint. Eng.
930–Newman, J. E., Clms. Atty.
949, 977–Newman, P. M., Pres.
769a–Newman, Jr., R. B., Gen. Supt. & Ch. Eng.
139–Newman, W. A., Mech. Eng.
693a–Newman, W. H., Sig. Supvr.
931a–Newmyer, D. B., Rd. Mast.
472–Newsom, J. F., Agri. Develop. Agt.
927b–Newsome, I. J., Supvr. B. & B
42–Newsome, J. N., Rd. Mast.
195–Newton, A. W., Ch. Eng.
395–Newton, E. S., Str. Kpr.
716–Newton, L. F., Div. Supt.
739–Newton, V. M., Treas.
1684–Nibecker, H. A., Asst. Mgr. & Supt.
47–Nicar, L. C., Sig. Supvr.
137–Nichol, R. R., Asst. Tax Comr
666, 737h–Nichol, W. L., G. F. A.
159–Nicholas, R. H., Asst. M. M.
1006b–Nichol, H. A., Gen. Mgr.
1006b–Nicholl, T. H., Supt. M. P.
139c–Nicholls, F. W., Rd. Mast.
97–Nichols, A. B., Clerk.
632–Nichols, A. H., Supvr. B. & B.
322c–Nichols, C. A., Sig. Supvr.
716–Nichols, C. A., Dist. Str. Kpr.
229–Nichols, C. E., Supvr. B. & B.
381a–Nichols, C. H., V.-Pres.
716–Nichols, C. L., Gen. Mgr.
716–Nichols, D. E., Asst. to Gen. Supt.
727–Nichols, D. S., Aud.
58a–Nichols, E. H., Supvr. Rds.
382–Nichols, E. T., V.-Pres. & Asst. Sec.
217–Nichols, F. A., Gen. Mgr.
539–Nichols, F. W., Aud.
8–Nichols, G. C., Supt.
751–Nichols, H. S. P., Asst. Gen. Coun.
860–Nichols, J. E., Rd. For. Eng.
695a–Nichols, J. H., Gen. Str. Kpr.
143–Nichols, L. T., Supt.
157–Nichols, M. B., Aud.
322b–Nichols, P. F., Trk. Supvr.
204a–Nichols, R. E., Ch. Carp.
40a, 40b–Nichols, S. C., Aud.
737a–Nichols, W. E., Pur. Agt.
92, 143, 267, 408–Nichols, W. E., G. F. A.
523–Nichols, W. F., Supvr.
176–Nichols, W. P., Supvr. Trk.
860–Nicholson, C. A., Asst. to Supt. M. P.
137b–Nicholson, C. H., Mgr. S. S. Car Ferries.
182, 1935–Nicholson, F. G., V.-Pres. & Gen. Mgr., 2 V. Pres.
493, 705a–Nicholson, F. L., Ch. Eng.
629–Nicholson, J. C., Supvr. Water Serv.
40–Nicholson, J. M., Fuel Conservation Eng.
697–Nicholson, L. A., Sig. Maint. For.
40a–Nicholson, R. G., Asst. G. F. A.
139b–Nicholson, R. V., B. & B. Mast
705–Nicholson, W. E., Asst. to Ch. Eng.
204b–Nick, G., Rd. Mast.
468a–Nickel, H. W., Supt.
1079–Nickerson, G. H., Ch. Eng.
549–Nickerson, J. C. Rd. Mast.
349–Nicklaus, A. W., Rd. Mast.
699b–Nicklis, E. E., Gen. Supt.
693a–Nicol, W. B., Asst. Ch. Gen. Insp.
433–Nicoll, G. D., Ch. Eng.
209–Nicols, F. E., Div. Supt.
199–Nicolson, L. M., Asst. to Pres.
157, 1076–Niehaus, C. B. Valua. Eng.
234–Niehaus, C. J., R. E. & Tax Agt.
1431, 1431a–Niehaus, E. W., Traf. Mgr.
123–Niel, E. A., Frt. Traf. Mgr.
751a–Nieman, J. J., Rd. For. Eng.
7a–Niemann, H. J., G. F. A.
927b–Niemes, F. D., Asst. Eng. Maint.
972–Niemeyer, F. W., Sec., Treas. & Mgr.
229–Niesse, J. L., Supt. Tel.
1936–Niesz, H. E., Pres.
1697–Nightingale, N., Traf. Mgr.
608–Niles, T. H., Aud.
375–Nilson, J., G. F. A.
40a–Nimmo, J. K., Div. M. M.
331–Nipson, W. B., Supt.
367–Nisbet, J. L., Pres.
1529, 1673b–Nissen, G. P., Traf. Mgr
629–Nisson, N., Rd. For. Eng.
629–Niven, T. M., Asst. Gen. Aud.
137e–Nixon, C. F., Ch. Car Insp.
847–Nixon, E. E., M. M.
930–Nixon, J. R., Asst. Frt. Clm. Agt.
207–Noack, T. B., Gen. For. Loco. Dept.
382–Noble, H. A., Asst. G. P. A.
751b–Noble, H. S., M. M.
40b–Noble, J. A., Div. Eng.
771–Noble, J. A., Supvr. B. & B.
186–Noble, S. E., Asst. Eng.
1040–Noel, T., For. Frt. Agt.
178–Nokely, J. W., Gen. Aud.
234–Nolan, C., Rd. Mast.
640–Nolan, C. T., Rd. Mast.
927b–Nolan, D. B., Gen. Supt.
382–Nolan, F. A., Dist. Rd. Mast
137b–Nolan, H. E., Loco. For.
137g–Nolan, J., Supvr. Trk.
629–Nolan, J. A., Rd. Mast.
394a–Nolan, J. C., Mech. Supt.
200–Nolan, P. W., Str. Kpr.
964–Nolan, S. E., M. M.
58b–Nolan, W. B., M. P. Insp.
877–Nolen, L., Rd. Mast.
41–Noll, W. L., Elec. Eng.
1020c–Noonan, P. J., Rd. Mast.
774a–Noonan, W. C., Car Act.
123–Noonan, W. T., Pres.
1580–Norbnker, G. T., Traf. Mgr.
563–Norcross, J. B., Supt. Tel.
774–Nordberg, A., M. M.
847–Norden, H. P., Asst. G. F. A.
1018–Norden, J. B., G. F. & P. A.
207–Nordholm, L. E., Asst. Sig. Supvr.
716–Nordquist, J., Rd. Mast.
751a–Nordquist, N. H., For. Car Shops.
616–Noren, F., For. Rnd. Hse.
693a–Noren, G. A., Des. Eng.
436–Norford, H. V., Supt. M. W.
670–Noriega, J. D., Traf. Mgr.
1838–Norman, E. F., Sec.
137–Norman, F., Supt.
648–Norman, J., Aud.
137–Norman, W. E., Gen. Supt. Exp.
1020c–Norris, C., Div. Eng.
58a–Norris, C. H., Rd. For. Eng.
751b–Norris, C. J., Supvr. Tel. & Sig
632–Norris, E. E., V.-Pres.
1211–Norris, E. J., Traf. Mgr.
40a–Norris, G. E., Rd. For. Eng.
763–Norris, G. W., Pres.

342—Norris, H., Asst. Eng.
751a—Norris, H.S., For. Car Shop.
751a—Norris, J.C., For. Car Shops
674—Norris, J. D., M. M.
1001d—Norris, J. E., M. M.
58a—Norris, J. L., Rd. For. Eng
737b—Norris, S., Pres.
563—Norris, W. H., Brdg. Eng.
751b—North, D. P., For. Car Rep.
47—North, E. M., Asst. G. P. A.
186—North, J. R., Eng. Hse. For.
781—North, J. W., M. M.
428—North, L. A., Supt. Shops.
137b—North, N. P., Asst. Supt.
549—Northcutt, W. A., Gen. Solr.
392a—Norton, C. H., M. M.
40b—Norton, E., Rd. For. Eng.
960a—Norton, H. E., Asst. Treas.
137a—Norton, J. H., Asst. G. F. A.
97—Norton, L. E., Asst. Sig. Supvr.
757—Norton, P. H., Car For.
930—Norton, W. H., Asst. Div. Supt.
629—Norvell, M., Asst. Eng.
1006b—Norvell, F. D., G. F. & P. A.
560—Norwood, G. M., Sec. & Treas
342—Norwood, M., Fuel Supvr.
53—Norwood, S. W., V.-Pres. & Treas.
291, 677—Noteman, G. C., Pur. Agt.
930—Notley, H. H., Rd. Mast.
1001a—Nottage, H. J., Rd. For. Eng.
137c—Notter, L., Str. Kpr.
549—Nottingham, R. E., Asst. Eng
182—Nourse, H. E., Asst. Eng.
847—Nourse, J. W., G. P. A.
204—Novak, A. W., Gen. Boil. Insp.
646—Now, F. E., Pur. Agt.
47—Nowell, A. B., Asst. Str. Kpr.
139g—Nowell, G. H., Div. M. M.
137e—Nowell, H. T., Mech. Supt.
137b—Nowell, L., Loco. For.
40a, 40b—Nowers, J. W., Car Acct.
751c—Nowwikie, J., Supvr.
1904—Noxen, F. W., Sec.
737d—Noyes, E. L., Pur. Agt.
563—Noyes, H. F., Asst. Supt. M. P.
619—Noyes, J. B., Str. Kpr.
139c—Noyes, W., Rd. Mast.
274—Noyes, W. C., Gen Coun.
176—Nuckols, L. T., Dist. Eng.
697—Nuelle, J. H., V.-Pres. & Gen. Mgr.
382—Nugent, A. A., Trav. Eng.
207—Nugent, F. J., Div. Eng.
274—Nugent, M. J., Asst. Eng.
180—Nugent, R. M., Rd. For. Eng.
137c—Nugent, W. O., Supt. Loco. Shops.
229—Numan, E. G., Supvr. Power Plants.
847—Nummy, C. W., Gen. For.
58b—Nunes, C. A., Supvr. Rd.
309—Nunley, C., Sec. & Treas.
716—Nutley, B. E., Rd. Mast.
180—Nutt, C. H., Aud.
636, 776—Nutt, H. C., Pres. & Gen. Mgr.
695—Nutt, J. R., V.-Pres.
886—Nutt, Robt. L., V.-Pres., Sec. & Treas.
870—Nuttall, W. H., Supt. M. P.
716—Nutting, A. G., Supvr. Sig.
40b—Nye, A. M., Rd. For. Eng.
392—Nye, C. M., Asst. Ch. Eng.
274—Nyland, F. W., Coal Frt. Agt.
207—Nyquist, C., V.-Pres., Sec. & Treas.
204—Nystrom, K. F., Eng. M. P. & R. S.

O

523—Oakes, D., Supvr.
54b—Oakes, J. M., Str. Kpr.
1032—Oakford, J. W., Pres.
549—Oakley, F. W., Div. M. M.
123—Oatman, J. B., Rd. Mast.
342—Oberdorf, C., Eng. Constr.
1549—O'Boyle, J. F., Traf. Mgr.
58b—O'Brien, B., Supvr. Rd.
751c—O'Brien, C. E., Supvr. Tel. & Sig.
468b—O'Brien, E. J., Aud. & Traf. Mgr.
428—O'Brien, E. M., For. Loco. Paint.
1815—O'Brien, F., Comr.
693a—O'Brien, G. E., Asst. Sig. Supvr.
436—O'Brien, H., Supt.
693b—O'Brien, J., Sig. Insp.
136a—O'Brien, J. A., V.-Pres.
696—O'Brien, J. C., Sig. Supvr.
884, 886—O'Brien, J. E., Ch. M. P. & Equip.
800—O'Brien, J. J., Ch. Acct.
961—O'Brien, J. J., Supt. Car Dept.
693b—O'Brien, J. J., Gen. For. Eng. Hse.
134, 1001c—O'Brien, J. P., V.-Pres., Gen. Mgr.
695b—O'Brien, J. W., Div. Supt.
607—O'Brien, M. E., Car Acct.
180—O'Brien, M. H., Supvr.
136a—O'Brien, M. J., Pres.
412—O'Brien, M. W., Supt.
600—O'Brien, P., Rd. Mast.
58b—O'Brien, T. C., M. M.
274—O'Brien, T. E., B. & B. Mast.
207—O'Brien, T. H., Rd. Mast.
757—O'Brien, W., Div. Rd. Mast.
123—O'Brien, W. E., Rd. For. Eng.
1320—O'Brien, W. H., Ch. of Tele. & Telo. Div.
201, 205a—O'Brien, W. J., Gen. Mgr.
204a—O'Brien, W. J., Ch. Carp.
693c—O'Brien, W. J., Dist. Supt. Mot. Pow. & Roll. Stk.
434—O'Brien, W. M., Aud.
821a—O'Brock, E. H., Aud.
1067—O'Callaghan, J. G., Asst Treas.
1001a—Ochiltree, H. B., Aud.
1001a—Ochiltree, T. H., Aud.
139f—O'Connel, D., Rd. Mast.
428—O'Connel, P. E., Supvr.
186—O'Connell, D. V., Rd. Mast
137b—O'Connell, G., Supvr. Wk. Equip.
137b—O'Connell, H. J., Rd. Mast.
1598—O'Connell, J. A., Atty.
693b—O'Connell, J. E., Supvr. Trk.
968a—O'Connell, J. J., M. M.
696—O'Connell, J. M., Trk. Supvr.
875—O'Connell, T. F., M. M.
325a—O'Connor, C., Rd. Mast.
15—O'Connor, C. D., Supt. & M. C. B.
137c—O'Connor, C. F., B. & B. Mast
475—O'Connor, E. J., Traf. Mgr.
201, 205a—O'Connor, F. D., Pres.
204—O'Connor, F. J., Asst. Pur. Agt.
980—O'Connor, H., Asst. G. P. A.
207—O'Connor, J., Rd. Mast.
204a—O'Connor, J., Asst. Sig. Supvr.
432—O'Connor, J., Rd. Mast.
234—O'Connor, M., Asst. Supt.
693—O'Connor, M. S., Ch. of Tariff Bur.
204a—O'Connor, R. J., Rd. Mast.
180—O'Connor, T. W., Div. Str. Kpr.
480—O'Connor, W. H., Pres.
641—O'Connor, W. L., Sec. & Treas.
1022—O'Daniel, A. E., Supvr. Trk. & Brdgs.
1629—O'Day, J. M., Gen. Traf. Mgr.
1851—Oddie, C. M., Rep.
382—Oddy, J., Car For.
523—O'Dea, A. E., Supvr. Trans.
229—O'Dea, D. S., Rd For. Eng.
756—O'Dea, J. T., Asst. to Pres. & Pur. Agt.
619—Odegard, O., Rd. Mast.
218a—Odell, D. C., Asst. G. F. A.
938—Odell, F. E., Supt.
847—Odell, J. T., Rd. For. Equip.
87, 395a—Odell, P. E., Gen. Mgr., V.-Pres., & Gen. Mgr.
1821—Odell, S., Comr.
958a—Odlum, A. B., Asst. Treas.
1703—O'Donahue, J. P., Asst. Ch. Eng.
1532—O'Donnell, C. E., Traf. Mgr.
382—O'Donnell, C. L., Loco. For.
931a—O'Donnell, E. A., Div. Supt. Term.
930—O'Donnell, J., Rd. Mast.
159—O'Donnell, J. E., Trk. Supvr.
137e—O'Donnell, J. E., Asst. Eng. Constr.
58a—O'Donnell, J. P., Asst. Rd. For. Eng.
186—O'Donnell, M. P., Rd. For. Eng.
137c—O'Donnell, W., Rd. Mast.
994—O'Donnell, W. A., Solr.
204b—O'Donnell, W. T., Rd. Mast.
619—O'Donohue, J., Rd. Mast.
395—O'Dowd, F. T., Rd. Mast.
137a—O'Dwyer, J. S., R. W. Eng.
847—Oelkers, A. H., Ch. Mech. Eng.
756a—Off, C., V.-Pres.
922b—Offutt, J., Rd. For. Eng.
1704—O'Flanigan, K., Asst. Sec.
1491a—Ogden, F. A., G. F. A.
635—Ogden, F. A., V.-Pres. & G. P. A.
751a—Ogden, G. D., Traf. Mgr.
139, 289, 487, 676a, 798—Ogden, I. G., V.-Pres.
667—Ogden, O. O., V.-Pres. & G. M.
40b—Ogg, O. J., Div. Supt.
137b—Ogilvie, C. S., Asst. Eng.
398—Ogilvie, J., Pur. Agt.

28—Ogilwy, W. H., Traf. Mgr. & Supt.
279—Ogle, R., Mast. Carp.
920—Oglesby, J. W., Pres.
920—Oglesby, Jr., J. W., Gen. Mgr
751c—Oglesby, S. E., Supvr.
466a—O'Hair, F. T., V.-Pres.
696—O'Hanley, R., Asst. Supt.
156?—O'Hara, C., Pres.
930—O'Hara, J., Rd. Mast.
60 a—O'Hara, J., Supt.
138c—O'Hara, T., B. & B. Mast.
428—Ohden, G. F., Div. Str. Kpr.
139c—O'Hearn, R. J., B. & B. Mast.
314—O'Hern, D., Rd. Mast.
716—Ohlson, O. F., Asst. Div. Supt.
1001a—Ohlund, I, Rd. Mast.
685a—O'Keefe, A. J., Pres.
600—O'Keefe, W. H., Supt. Term.
1702—O'Keeffe, J. E., Aud.
47—O'Kelley, E. B., Agri. & Ind. Agt.
176—Okrent, S., Str. Kpr.
382—O'Laughlin, L., Loco. For.
629—O'Laughlin, M., Rd. Mast.
1882—Olberding, A. G., Treas.
295—Oldenberg, H., Gen. Coun.
47—Oldenbuttel, N. V., Str. Kpr.
137b—Oldfield, A., Car For.
1071—Oldfield, A. A., Eng. M. W.
958a—Oldham, W. J., B. & B. Mast.
696a, 695b—Olds, F. S., Gen. Live Stk. Agt.
101—Olds, R. E., V.-Pres.
382—Olds, T., Div. Rd. Mast.
137b—O'Leary, A. H., Supt.
137c—O'Leary, H. G., Div. Eng.
207—O'Leary, J., Gen. For. Loco. Dept.
382—O'Leary, J. Dist. Rd. Mast.
751a—Oler, B. F., Insp. Sig.
819—Olin, O. J., Asst. Sec. & Aud.
1001c—Olin, W. H., Asst. G. F. & P. A.
204—Oliphant, C. E., Ch. Statis.
666—Oliphant, L. W., Trk. Supvr.
927—Oliver, A. H., Asst. to Compt.
872b—Oliver, A. Q., Car Act.
182—Oliver, C. E., Supvr.
229—Oliver, C. W., Gen. For.
927, 1854—Oliver, E. R., V.-Pres., 4 V.-Pres.
137d—Oliver, E. W., Mgr.
1849—Oliver, F., Comr.
757—Oliver, F. L., Supt. Din. & Par. Cars.
346—Oliver, G. L., Traf. Mgr.
16—Oliver, H., Pres.
751—Oliver, H. C., Gen. Frt. Agt.
927—Oliver, H. W., Asst. Gen. Aud
435—Oliver, J. D., Pres. & Gen. Mgr.
435—Oliver, Jr., J. D., Treas.
1031b—Oliver, M., Treas.
1045—Oliver, T., Supt.
367—Olliff, W. A., Traf. Mgr.
1001a—Olmstead, D. C., Asst. to Gen. Mgr.
1001b—Olmstead, F. L., Rd. Mast.
693a—Olmstead, J. E., For. Paint.
1207—Olmsted, A. J., Traf. Mgr.
1598—Olney, T. C., Dist. Supt.
693a—Olp, C. E., Asst. Supt.
904b—Olsen, A. H., Rd. Mast.
1598—Olsen, B. C. H., Aud.
570—Olsen, E. F., Pur. Agt.
204a—Olsen, O., Sig. Insp.
699—Olsen, O. C., For. Frt. Agt.
1001c—Olsen, O. G., Rd. For. Eng.
693a—Olsen, W., Supvr. Steam Plants.
693a—Olson, A., Supvr. Trk.
186—Olson, A., Supvr. B. & B.
882a—Olson, E. A., Asst. Sec. & Asst. Treas.
716—Olson, H., Rd. Mast.
619—Olson, J. E., Asst. Sec. Asst. Treas.
623a—Olson, J. S., M. M.
1502—Olson, K. G., Traf. Mgr.
382—Olson, K. J., Car For.
137c—Olson, L., Rd. Mast.
209—Oltman, C., Asst. Eng.
201, 434, 692x—O'Mahoney, J. M., Asst. Sec.
137b—O'Malley, A., Car For.
58—O'Malley, J. P., Asst. Compt.
139g—O'Malley, M., Rd. Mast.
842a—O'Malley, M. J., Aud. & Asst. Treas.
137b—O'Malley, S., Car For.
828a—Oman, C., Asst. Sec. & Asst. Treas.
629—O'Meara, B. H., Div. Str. Kpr.
696—O'Meara, J. W., Supt. Shops.
139—Ommanney, G. G., Develop Eng.
815—Omohundro, P. C., Supt. Tel.
1001a—O'Neal, C., Rd. For. Eng.
346—O'Neal, C. T., V.-Pres.
395a—O'Neal, J., Gen. For. Car Dept.
872b—O'Neil, C. J., Asst. Frt. Clm. Agt.
137b—O'Neil, J. W., Loco. For.
693c—O'Neil, J. W., Supvr. B. & B.
195b—O'Neil, P., Rd. Mast.
295—O'Neil, W., Supt.
382—O'Neill, D., M. M.
480—O'Neill, E. V., V.-Pres. & Treas.
229—O'Neill, F. C., Supvr. Air Brks.
382—O'Neill, J. H., Gen. Mgr.
847—O'Neill, J. J., Supt. Term.
204b—O'Neill, P. T., Div. M. M.
195b—O'Neill, T. F., Asst. Eng. M. W.
279—O'Neill, W. J., Gen. Mech. Supt.
842a—O'Neill, W. J., Car Acct.
716—Onslow, R. V., Aud.
137c—Opie, E., Car For.
778—Opel, F. M., Asst. Aud.
695a—Oppelt, J. H., Supvr. Sig.
176—Oppenheimer, W. T., Ch. Surg.
267—O'Pry, W. J., Supt.
1538—Opsion, O. B., Traf. Mgr.
751—Orcutt, G., Asst. Gen. Solr.
204a—Ordas, C. H., Supvr. Mot Cars.
629—Orebaugh, M. D., For. Paint.
182—O'Reilly, E. E., Aud.
212—O'Reilly, M., Gen. Mgr.
670—Orendain, S., Div. Eng.
528—Orff, A. E., Aud.
870—Orem, F. M., Compt.
521—Orlady, G. P., Gen. Solr.
930—Ormandy, J. A., G. P. A.
1021—Ormond, J., Supvr.
523—Ormond, M. J., Gen. East. Frt. Agt.
481—Ormsby, H. D., Treas.
137—Ormsby, R. P., Sec.
428—Ormsby, W. J., M. M.
58a—Orndorff, J. R., Str. Kpr.
428—O'Rourke, G. M., Rd. Mast.
186—O'Rourke, J. F., Rd. Mast.
229—Orr, B. F., Dist. M. C. B.
636—Orr, D. K., Supt.
40b—Orr, D. W., Div. Supt.
459—Orr, F. L., Asst. G. P. A.
188—Orr, H. H., Sig. Eng.
1001b—Orr, J. S., Sig. Supvr.
751—Orr, J. W., Asst. Compt.
137b—Orr, R. E., Asst. Supt.
234a—Orr, T. J., V.-Pres.
92a—Orr, W. P., Ch. Eng.
1076a—Orr, W. T., Supt.
139—Orrock, J. W., Eng. Bldg.
676—Ort, O. O., Supt. & Ch. Eng.
316—Ortega, J. B., Acct.
670—Ortiz, J. R., Aud.
47—Orton, F. E., Asst. Eng.
751a—Orwig, R. H., Supvr.
1830—O'Ryan, J. F., Transit Com.
549—Osborn, C. A., Asst. Div. M. M
870—Osborn, C. M., Aud.
363—Osborn, H. J., Sec.
229a—Osborn, J. W., Supt. Equip.
16—Osborn, T. R., V.-Pres.
40b—Osborne, A. J., Rd. Mast.
437a—Osborne, C. H. J., Aud.
771—Osborne, H. C., Supvr. Water Supply.
693b—Osborne, M. J., Gen. For. Eng. Hse.
1001a—Osborne, S. H., Div. Eng.
930—Osborne, T. H., Mast. Car Rep
40a—Osborne, W. B., Supvr, Lumber.
310—Osburn, G., Gen. Supt.
382—Osgard, N., Trav. Eng.
52, 369, 1001e—O'Shea, J. J., Aud.
209—Ossmann, G. L., Asst. Supt. C. S.
808—Osterhout, E. D., Pass. Traf. Mgr.
757—Osterman, F. F., Asst. Pur. Agt.
274—Ostiguy, H. A., Aud.
1840a—Ostler, F. L., Sec.
1834—Ostrander, E., Comr.
618—Ostrom, A. V., V.-Pres.
204a—Ostrom, J., Ch. Carp.
204—Ostrum, H. W., Ch. Chem.
693a—O'Sullivan, T. J., Supvr. of Trk.
139, 289, 487, 503, 676a, 798, 1701—Oswald, H. C., Asst. Sec., Sec.
751—Oswalt, W. L., Asst. Gen Str. Kpr.
670—Otanez, A. F., Asst. to Supt. Mach. & M. P.
961—O'Toole, D., G. B. A.
771—O'Toole, J. L., Supt. Frt. Transp.
751a—Ott, W. B., M. M.
666—Ottarson, A. P., Compt.
927a—Otterburg, M. A., Sig. Supvr

24, 681, 1021—Otteson, J. C., V.-Pres., Sec. & Treas., Sec. & Treas., V.-Pres., Sec. & Treas.
879b-Otto, J., Pur. Agt.
751a-Otto, Jr., J. B., Supvr.
629—Ouellet, D. O., Gen. Supt. Trans.
137b-Ouellet, F. X., Loco. For.
25—Oven, W. J., Gen. Atty.
751b-Overdorff, C. A., Gen. For.
1001a-Overman, L. J., Gen. Rd. Mast.
1039—Overman, P. L., Aud.
606—Overton, E. E., Traf. Mgr.
927a-Overton, R. J., Gen. For. Car Rep.
696—Oviatt, E. E., Maint. Eng.
751b-Ovington, J. L., Supvr.
751—Owen, A. E., Asst. Pur. Agt.
159—Owen, A. E., Ch. Eng.
808—Owen, A. T., Supt. Trans.
927b-Owen, A. W., Asst. Eng. Maint.
930—Owen, G. R., Rd. Mast.
342—Owen, J. H., Gen. Supt. Trans.
847—Owen, L. E., Off. Eng.
394a, 439—Owen, R., Spec. Eng.
207—Owen, W. R., Asst. Gen. Pur. Agt.
632—Owens, C. H., Div. Eng.
931—Owens, C. H., Asst. G. F. A.
739a-Owens, C. W., Rd. For. Eng.
1001a-Owens, E. E., Gen. Boil. Insp.
139d-Owens, G. A., Rd. Mast.
137c-Owens, J. G., Str. Kpr.
294—Owens, T., Supt.
824—Owens, W. A., Supt.
137c-Owens, W. C., Supt.
58—Owens, W. D., Asst. Comp.
1700—Owens, W. W., Gen. Mgr.
137b-Oxley, A. C., Asst. Eng.
186—Oxley, J., Gen. For. Car Dept.
1690b-Oxtoby, A. P., Gen. Traf. Mgr.
751a-Oyler, E. C., Div. Eng.

P

600—Pasr, H. A., Div. Str. Kpr.
394a, 439—Pace, D. P., Land & Ind. Tax Comr., Land & Ind. Comr.
157—Pace, J. C., Supvr. Trk.
629—Pace, J. T., Rd. Mast.
41, 1001e—Pace, R. T., Pur. Agt.
629—Pace, W., Rd. Mast.
47—Pace, W. T., Rd. Mast.
1800a-Pack, A. G., Ch. Bu. Loco. Insp.
47—Packard, D. B., Eng. Constr.
577—Packard, J. C., V.-Pres.
137b-Packenham, J. H., Asst. Supt.
886—Packer, C. B., Asst. Supt. Trans.
691—Packer, E. W., G. F. & P. A.
322—Packer, J. E., Asst. to Pres. & Asst. Sec.
1057a-Packer, M., Sec. to Pres.
137c-Padberg, P. F., Str. Kpr.
325a-Paddock, L. A., Pres.
209—Padley, H. P., Asst. Ch. Eng.
808—Padmore, B. R., Sig. Insp.
92a-Paepcke, W. P., Asst. to Pres.
1001d-Paepke, E. H., Gen. Loco. & Boil. Insp.
382, 605—Paetzold, F. L., Sec. & Treas.
629—Paffrath, M., Supvr. B. & B.
716—Page. A. N., Supt. Em. Bu.
927—Page, B. F., Div. Str. Kpr.
877—Page, C., Pres.
523—Page, C. N., Rd. For. Eng.
363—Page. G. B., Supvr. Trk.
80—Page, H. A., Treas.
137—Page, H. J., Ch. of Invest.
47—Page, H. L., Rd. Mast.
137c-Page, J., Loco. For.
137b-Page, L., Car For.
47—Page, O. H., Gen. Supt.
207—Page, O. T., Gen. For. Car Dept.
47—Page, R. V., Asst. Str. Kpr.
927—Page, W. L., Div. Str. Kpr.
6—Pahler, P. J., Sec.
860—Pahlmann, J. H., Gen. Aud.
696—Paight, J. T., Gen. Welding Insp.
476—Pain, G. H., Aud. & Treas.
563—Paine, E. C., Aud.
242—Paine, F. W., V.-Pres. & Treas.
716—Paine, G. M., Div. Str. Kpr.
242—Paine, W. A., Pres.
437c-Paine, W. G., V.-Pres. & Gen. Mgr.
696—Palfrey, C. R., Asst. to V.-Pres.
176—Painter, J. F., Supvr. Trk.
47—Painter, J. H., M. M.
1824—Painter, J. P., Asst. Coun.
1399—Painter, J. W., Traf. Mgr.
477—Paisley, C. S., Treas.
763, 808—Paisley, H. E., Treas.
477—Paisley, J. A., Pres.
774a-Paisley, R. M., G. F. & P. A.
137b-Palaisy, J., Car For.
139b-Palethoye, J. L., Asst. Supt.
670—Palma, A. M., Div. Supt.
1701—Palmateer, H. J., Supt.
1852a-Palmer, A., V.-Pres.
428—Palmer, A. C., Sig. Supvr.
139c—Palmer, A. E., Div. M. M.
137a-Palmer, A. J., Rd. Mast.
1021—Palmer, C., Supvr.
179, 386—Palmer, E., V.-Pres.
204a-Palmer, E. F., Dist. Gen. Car For.
696—Palmer, F. H., Aud.
696—Palmer, F. H., Sig. Supvr.
1076a-Palmer, G. B., Ch. Eng.
195a-Palmer, G. C., Rd. Mast.
137a-Palmer, G. N., Aud.
59—Palmer, G. P., Eng. Maint. & Const.
137b-Palmer, H. A., Reg. R. W. Agt.
137b-Palmer, H. A., Car For.
695d, 696—Palmer, H. S., Compt.
619—Palmer, J. E., Gen. Atty.
1007a-Palmer, J. H., Sec.
207—Palmer, J. S., Gen. Clm. Agt.
40b-Palmer, M. R., Rd. Mast.
678—Palmer, R., Pur. Agt.
696—Palmer, R. H., Aud.
718c-Palmer, W. S., Pres. & Gen. Mgr.
274—Palmer, W. S., Aud.
434—Palmero, J., Gen. For. Car Dept.
266—Palmgreen, G. G., Supt. M. P.
137e-Palos, T. W., Loco. & Car For.
186—Palsgrove, C. S., Dist. Str. Kpr.
670—Pana, M. G., Gen. Cashr.
186—Pangle, M. E., Asst. Gen. Supt.
851—Pankey, R. R., Sec. & Treas.
927—Pankuin, J. E., Asst. Aud.
668, 685—Pantall, F. L., Pur. Agt.
139g-Panter, J. A., Asst. Supt.
928a-Pantle, C. D., Gen. Acct.
367—Papy, L. G., Sec. & Treas.
382—Paquette, W., Car. For.
692x-Paradis, E. M., Ch. Chem.
195a-Paradise, T. E., Div. M. M.
696—Paradise, T. F., Asst. Treas.
927a-Parati, O., Asst. Eng. Maint.
382—Parchen, P., Car For.
824—Pardee, A., Pres.
209—Pardee, E. L., Asst. G. P. A.
597—Pardo, R., Coun.
886—Pardue, W. J., Gen. Insp. Pass. Equip.
318—Pargny, E. W., Pres.
927—Parham, E. F., Treas.
617a-Parlseau, F., Rd. Mast.
756—Park, E. A., Supt. M. P. & E.
523—Park, W. C., Rd. For. Eng.
629—Park, W. H., Rd. Mast.
751a-Parke, E. R., Supvr.
866—Parke, J. R., Sec. & Aud.
1598—Parke, P., Ch. Eng.
97—Parke, R. H., Div. Eng.
860a-Parker, B. B., Trav. Car For.
472—Parker, C. F., M. M.
139—Parker, C. W., Sig. Eng.
751a-Parker, E. W., For. Mach. Shops.
382—Parker, F. H., Asst. G. F. A.
1322—Parker, F. T., Traf. Mgr.
966—Parker, F. W., Asst. to Pres. & Traf. Mgr.
1059a-Parker, G. H., V.-Pres. & Compt.
428—Parker, G. W., Supvr.
229—Parker, H. C., Asst. Rd. For. Eng.
89—Parker, H. E., Supt.
137—Parker, H. F., Aud.
703—Parker, H. H., M. M.
693a-Parker, J., Sig. Supvr.
47—Parker, J. L., Ch. Elec.
472—Parker, J. S., Trav. Eng.
1800b-Parker, L. M., Sec.
847—Parker, O. H., Gen. For.
693b-Parker, P., Gen. For. Car Dept.
40a-Parker, Q. A., Div. Str. Kpr.
821a-Parker, R. D., Traf. Mgr.
1840—Parker, R. D., Ch. Eng. Utilities Div.
1061—Parker, R. E., Frt. Clm. Agt. & Car Acct.
930—Parker, V., Rd. Mast.
751b-Parker, Jr., W., Asst. M. M.
936—Parker, W., M. M.
1001a-Parker, W. A., Div. Eng.
82, 325b, 1003—Parker, W. A., Pur. Agt.
302—Parker, W. C., Sec. & Treas.
930—Parker, W. R., Rd. For. Eng.

598—Parkes, W. R., Dist. Supt.
508—Parkhouse, H. H., Treas.
985a—Parkhurst, F.J., Supvr. Trk.
158—Parkhurst, W. S., Treas. & G. F. & P. A.
137c—Parkin, J. B., Tie Agt.
206—Parkinson, L.D., Sec. & Treas
818—Parkman, E. E., Ch. Insp.
563—Parkman, F. H., Rd. Mast.
58a—Parks, E. C., Supvr. Rd.
716—Parks, E. O., Aud.
600—Parks. G. E., Mech. Eng.
2, 1918a—Parks, R. G., Supt. Car Serv., Sec. & Treas.
675a—Parks, R. N., Supt.
395—Parks, W., Rd. Mast.
959—Parks, W. J., V.-Pres.
697—Parmelee, A. I., Asst. Treas.
873a—Parmelee, J. H., Dir.
886—Parmley, L. M., Supvr. Yd. & Term.
487—Parnaby, F., Rd. Mast.
021—Parnell, L., Sig. Supvr.
958a—Parr, A. J., G. F. & P. A.
696—Parr, G., Asst. Eng.
157—Parr, M. J., Term. Supt.
695a—Parrish, E. J., Div. Supt.
886—Parrish, E. J., Asst. G.F.A.
1051—Parrish, H. S., Supt.
176—Parrish, J. B., Gen. Mgr.
927a—Parrish, J. C., Gen. For
47—Parrish, N. H., Asst. Str. Kpr.
693—Parry, H., G. P. A.
629—Parsley, O. G., Asst. Frt. Traf. Mgr.
198—Parsons, B. F., G.F.A.
893a—Parsons, C.F., Gen. M. M.
98a—Parsons, C. T. S., Aud.
433—Parsons, E. B., Ch. Surgeon.
97—Parsons, F. W., Asst. Sig. Eng.
39—Parsons, H. M., Pur. Agt.
693a—Parsons, J. G., Supt. Shops
705—Parsons, O. V., Asst. Eng.
322b—Parsons, R. S., V.-Pres.
886—Parsons, T. W., Gen. Supt.
229—Parsons. W. C., Rd. For. Eng.
96—Parsons, W. L., Asst. Coun.
227—Partridge, F. C., Pres.
47—Partridge, G. F., Sig. Supvr.
382—Partridge, H., Car. For.
24—Parvin, V., Supt.
751b—Parvin. W. R., Supvr.
42—Paschall, W. E., Treas.
798—Pasche, F., Sec.
204a—Pasko, G. W., Asst. Eng.
204a—Passage, G. E., Div. M. M.
218a—Passel, H. F., Ch. Eng.
1015—Pastor, L.G., Sec. & Gen. Acct
870—Pastor, L. G., Div. Eng.
751b—Patchell, W. W., Supvr.
515—Pate, Z. V., Treas.
847—Patek, A. T., Asst. G. F. A.
58, 59—Patenall, F. P., Sig. Eng.
139d Patenaude, E., B. & B. Mast
739—Paterson, A. E., Frt. Agt.
757—Paterson, R. P., G.F.A.
654—Paton, D. C., Gen. Supt.
927a—Patram, B. F., Gen. For. Car. Rep.
408, 767—Patrick, P. H., Aud.
840—Patrick, R. L., Treas.
137c—Patriquin, J. N., Str. Kpr.
274a—Pattberg, W. A., M. M.
1801, 1894a—Patterson, A. G. Pres.
413—Patterson, A. J., Supvr. Sig.
366, 368—Patterson, C. B., M. M.
24—Patterson, C. W., Ch. Pol.
204—Patterson, E. A., Sup. Tel.
137c—Patterson, E. B., Loco. For.
428—Patterson, G. E., Gen. Mgr.
123—Patterson, H. E., Supt.
325a—Patterson, H. W., Ch. Eng.
229—Patterson, J. A., Gen. For.
322a—Patterson, J. C., Reg. Eng.
356—Patterson, J. D., Recr. & Gen. Mgr.
860—Patterson, J. E., Rd. Mast.
1893a—Patterson, J. E., 1 V.-Pres.
751b—Patterson, J. F., Gen. Supt.
632—Patterson, J. H., Frt. Clm. Agt.
693—Patterson. J. P., Asst. to Traf. Mgr.
705a—Patterson, J. T., Mech. Eng.
229—Patterson, J. W., Str. Kpr.
563—Patterson, L. M., Treas.
628a—Patterson, O. M., Rd. Mast.
200—Patterson, P. C., G. F. A.
382—Patterson, R. C., Asst. Sec.
523—Patterson, R. E., Div. Eng.
628a—Patterson, R. E., Rd. Mast.
207—Patterson, S. T., Rd. For. Equip.
619—Patterson, T. R., Rd. Mast.
200—Patterson, W. B., Aud.
549—Patterson. W. T., Supvr.
472—Pattison, C. A., Str. Kpr.
1020c—Pattison, H., Eng. Elec. Trac
1051—Pattison, R. C., Mech. Eng.
930—Pattison, W. D., Sig. Supvr.
87—Patton, A. V., Asst. to Pres
927—Patton, C., Treas.
886, 1918—Patton, C. S., Supt. M. P.. 1 V.-Pres.
200—Patton, G. B., Clm. Agt.
275—Patton, G. J., Supvr. Sig.
1470—Patton, M. S., Traf. Mgr.
176—Patton, R. C., Supvr. Trk.
40c—Patton. R. E., Rd. Mast.
137g—Patton, R. E., Car. For.
137c—Patton, T. J., Rd. Mast.
626, 627b—Patton, W. G., Asst. to V.-Pres. & Gen. Mgr., Sec., Asst. to V.-Pres. & Gen. Mgr
234—Pauba, A. W., Mast. Carp.
821—Paul, C. A., Rd. Mast.
204a—Paul, F. L., Div. M. M.
47—Paul, J., Asst. Supt. M. P.
1434—Paul, J. D., Traf. Mgr.
455—Paul, R. E., M. M.
968—Paul, W. M., M. M.
692x—Paulding, C. C., Asst. V.-Pres.
195b—Pauley, G. B., M. M.
322—Pauling, R. H., Div. Str. Kpr.
1001a—Paulsen, F. C., Asst. Supt.
382—Paulson, A. D., Car For.
186—Paulson, P., Supvr. B. & B.
1027—Paulus, E. F., Treas. & Aud.
58b—Pausch, L. A., Supvr. Rd.
808—Paxson, J. C., Str. Kpr.
437b—Paxton, E. E., Sec., Treas. & Gen. Mgr.
469—Paxton, R. H., Asst. to Recr.
927a—Paxton, W. H., G. F. A.
40a—Payden, F., Rd. For. Eng.
428—Payne, A., Supvr. B. & B.
705—Payne, A. S., Div. Supt.
847—Payne, C. L., Asst. Supt.
442—Payne, F., V.-Pres. & Gen. Coun.
699—Payne, G. W., Asst. Eng.
964—Payne, J. B., V.-Pres.
927b—Payne, J. W., Supt.
737d—Payne, J. W., Stat.
58b—Payne, O. J., Asst. Str. Kpr.
705a—Payne, R. L., Ch. Surg.
108—Payne, R. M. H., Chman.
886—Payne, W. W., Rd. For. Eng.
40, 718c—Payson, A. H., Asst. to Pres., V.-Pres.
1934—Payson, G. S., Gen. Coun. & Treas.
472—Payton, J. E., For. Car Dept.
469—Payton, J. L., Supvr. B. & B.
274—Peabody, C. A., V.-Pres.
596—Peabody, C. J., V.-Pres.
628a—Peabody, E. W., Aud.
393—Peabody, G. W., Aud.
186—Peabody, J. A., Sig. Eng.
693a—Peabody, K., Gen. Supvr. Bldgs.
183—Peabody, S., V.-Pres.
235—Peabody, W. P., Aud.
628b—Peach, G. A., Aud.
58—Peach. J. F., Supvr. M. E.
40a—Peach, J. P., Gen. For.
737f—Peachey, F. E., Asst. Supt.
182—Peachey, W., Supvr.
1001a—Peacock. E. W., Rd. For. Eng
428—Peacock, G. H., Supvr.
549—Pearce, A. N., Asst. Sig. Supvr.
209—Pearce, B. F., Rd. Mast.
930—Pearce, C. J., Div. Str. Kpr.
204a—Pearce. C. W., Div. Str. Kpr.
176, 413—Pearce, H. C., Dir. Pur. & Strs.
204a—Pearce, H. C., Gen. Car For.
1001b—Pearce, R. E., Str. Kpr.
927b—Pearce, R. M., Rd. For. Eng.
1024a—Pearce, W. D., Gen. Mgr.
696—Pearl, E. B., Ch. Mech. Insp.
1837—Pearman, J. N., Comr.
342—Pearre, T. L., Asst. Eng.
47—Pearsall, D. M., Supt. M. P.
982b—Pearse, L. C., Str. Kpr.
382—Pearson, E., Car. For.
696, 1850—Pearson. E. J., Pres., Ex. Comm. Director.
40c—Pearson, J. E., For. Paint.
40c—Pearson, L., Rd. For. Eng.
930—Pearson, L. G., Dist. Str. Kpr
195b—Pearson, O. E., Asst. Supt. Trans.
696—Pearson, R. L., Eng. M. W.
498—Pearson, W. E., Aud.
521—Pease, H. H., Sec. & Treas.
342—Pease, J. N., Asst. Eng.
860a—Peasley, B. J., Supt. M. P.
344—Peasley, J., Asst. Aud.
212a, 865—Peavy, A. J., Pres., Chman. of Bd.
209—Pechin. F. R., Gen. Mgr.
1001c—Peck, C. E., Supt. M. P. & M.
628a—Peck, E. A., Str. Kpr.
58a—Peck, E. A., Gen. Supt.
195a—Peck, E. H., Dist. Eng.
695—Peck, E. S., Treas
695—Peck, F. L., Pres.
204a—Peck, F. S., Dist. Str. Kpr.

204—Peck, H. S., Supvr. Loco. & Power Plant Oper.
176—Peck, J., Gen. For.
927—Peck, J. G., Div. Str. Kpr.
279—Peck, O. K., Eng. Brdg.
1001d—Peck, T. C., G. P. A.
58—Peck, W. F., Supvr. Air Brks.
195a—Peckenpaugh, C. D., Gen. Supt.
695—Peckham, C. L., Asst. Compt
625b—Peckinpaugh, H. S., Traf. Mgr.
656, 1050—Peckitt, L., V.-Pres.
757—Peckover, H. E., Sta. Str Kpr.
751—Peddle, C. R., Asst. Pur. Agt.
325c—Pedersen, M. T., Pres.
619—Pederson, H., Asst. Div. Eng.
48—Pederson, S. C., V.-Pres.
1024a—Pedigo, J. H., V.-Pres. & Gen. Atty.
695c—Pedigo, L., For. Paint.
395a—Pedneau, A. A., Gen. For.
751—Pedrick, Jr., W., Gen. East. Pass. Agt.
628a, 628b—Peeler, T. L., Ind. Comr.
860—Peeler, W. C., Asst. G. P. A.
159—Peeples, H. L., Aud.
139f—Peers, A., M. M.
980—Peery, J. E., Trav. Str. Insp
608—Peet, E. J. L., Frt. Clm. Agt.
581—Peffer, C. C., Aud.
927—Pegram, R. B., V.-Pres.
123—Peiffer, C. E., M. C. B.
229, 821—Peil, F. A., Asst. to Pres., V.-Pres.
392b—Pelhan, W., M. W. Insp.
1831—Pell, G. P., Comr.
154—Pellett, H. A., Supvr.
137b—Pelletier, G., Asst. Supt.
428, 1850a—Pelley, J. J., V.-Pres., Chman.
705a—Pelter, F. P., V.-Pres. & Gen. Mgr.
58a—Pelton, A. W., Gen. For. Loco. Dept.
1490a—Pelton, H. B., Traf. Mgr.
719—Pemberton, C. L., M. M.
936—Pemberton, W. L., Treas.
58a—Pembroke, W. C. Asst. Div. Eng.
696—Pendleton, H. V., Div. Str. Kpr.
705—Pence, B. F., Tax & Ins. Agt.
207—Pence, C., Gen. For. Car Dept.
617a—Pence, H. E., Pres.
1431b, 1643a—Pendarvis, F. X., Traf. Mgr.
382—Pender, A., Car For.
191—Pendleton, D. E., Asst. Eng.
927—Pendleton, J. D., Asst. Eng.
137e—Penell, W. Z., Trk. Supvr.
204, 1057—Penfield, W. H., Eng. M. W., Ch. Eng.
428—Penick, W. M., Asst. G. F. A.
577—Penington, R., Pres.
1006b—Penington, J. O., Supt. Pow.
277d—Penn, D. M., Pres. & Gen. Mgr.
964—Pennabaker, E. S., Prin. Asst Eng.
1009—Pennebaker, C. T., Aud.
138e—Pennefather, F. R., M. M.
176, 229—Pennington, C. A., Supt. Term.
539—Pennington, C. G., Asst. G. P. A.
619—Pennington, E., Chman.
137c—Pennock, J. A., Rd. Mast.
439—Pennycuick, T. A., Div. M. M.
180—Penrich, W. H., Gen. Supt.
58a—Penrod, Jr., A. J., Sig. Supvr.
274—Penrose, Jr., E., Asst. Eng.
177, 362, 380, 572, 607—Penrose, S., Pres., V.-Pres., Pres.
655a, 945—Pentney, J. W., Aud.
1061—Peoples, W. L., Asst. Eng.
171—Pepper, J. L., Frt. Clm. Agt.
187a—Pepper, R. E., Sec.
1821—Pepper, S. D., Comr.
693b—Peppet, F. F., Rd. For. Eng.
286—Pepple, E. Rd. Mast.
209b—Pepple, W. W., Gen. Atty.
587—Perch, J. C., Supt.
40a—Percival, A. F., Rd. For. Eng.
931a—Perdue, R. M., Rd. Mast.
670—Perez, C., Rd. Mast.
342—Perkins, A. D., Asst. Eng.
25—Perkins, A. T., Pres.
176—Perkins, C. C., Rd. For. Eng.
696—Perkins, C. D., Div. Eng.
699—Perkins, C. E., V.-Pres.
860a—Perkins, E. B., Gen. Atty.
847—Perkins, G. B., Aud.
198—Perkins, G. O., Supt. Tel. & Sig.
157—Perkins, J. A., Rd. For. Eng.
873—Perkins, J. L., G. F. & P. A.
207—Perkins, J. R., Rd. Mast.
137e—Perkins. L. S., Loco. & Car For.
1001d—Perkins, R. D., Valua. Eng.
207—Perkins, S. P., Mast. Carp.
195a—Perkins, W., Rd. Mast.
927a—Perkinson, Z. F., Gen. For.
1001c—Perley, A. W., Fuel Supvr.
137a—Perley, G. H. W., Div. Eng.
86a—Perleywits, T. H., Asst. G. F. & P. A.
395—Perrigo, W. H., Rd. Mast.
47—Perrin, J. W., Asst. Frt. Traf. Mgr.
40a, 843—Perrine, E. A., Supt. Term., Supt.
159—Perrine, W. M., M. M.
886—Perritt, H. F., Asst. Str. Kpr.
701c—Perrott, E. W., Asst. to Gen. Supt. Trans.
751b—Perrott, J. C., Asst. Supt. Labor & Wage Bur.
186—Perry, C. H., Div. Eng.
42—Perry, C. S., M. M.
696—Perry, E. B., Asst. to Gen. Mgr.
886—Perry, G. G., Rd. Mast.
1809—Perry, J. A., Chman.
274—Perry, L. F., Asst. to Gen. Traf. Mgr.
137c—Perry, P. C., Div. Eng.
137a, 137b—Perry, R. E., Mgr. Rate & Tar. Bur.
278—Perry, S. M., V.-Pres.
405—Perry, W. S., Aud.
271a—Perryman, W. H., Supt. M. P.
176—Persinger, C., Supvr. Sig.
123—Person, G. H., Sig. Supvr.
42—Persons, C. C., M. M.
195a—Persons, C. L., Asst. Ch. Eng.
954—Persons, R. K., Supt.
954—Persons, T. H., Pres.
986a—Peter, G. H., Eng.
841—Peter, S. B., Div. Rd. Mast.
207—Peter, W. F., Asst. Gen. Coun.
695a—Peters, A. D., Div. Supt.
804—Peters, A. E., Sec.
382—Peters, C. J., Loco. For.
705—Peters, D. F., Div. Supt.
277—Peters, E. F., Treas.
683—Peters, F. P., M. M.
139b—Peters, F. W., Gen. Supt.
1387—Peters, I. M., Sec. & Supt.
808—Peters, J. C., Div. Supt.
137g—Peters, J. W., M. C. B.
207—Peters, P., Aud.
847—Peters, R. F., Mech. Eng.
209—Peters, W. J., For. Rnd. Hse.
206—Petersen, A., Gen. Live Stock Agt.
96—Petersen, C., Aud.
242—Petersen, P. H., Rd. Mast.
209b—Petersen, W., Asst. G. P. A.
207—Petersen, W. H., Eng. M. W.
382—Peterson, A., Loco. For.
198—Peterson, A., Car For.
207—Peterson, A., Gen. Live Stock Agt.
204a—Peterson, A. C., Asst. Div. Supt.
619—Peterson, A. C., M. M.
698a—Peterson, A. W., Rd. Mast.
280—Peterson, C., M. M.
59—Peterson, C. E., Car Acct.
696—Peterson, C. L. Gen. Supvr. Power Sta.
395a—Peterson, C. W., Asst. Compt
705b—Peterson, E., Asst. to Recr.
62—Peterson, E. W., Gen. Str. Kpr.
616a—Peterson, G., Aud.
176—Peterson, H. C., Elec. Eng.
389—Peterson, J., Dist. Rd. Mast.
40c—Peterson, J. A., Div. Str. Kpr.
1039—Peterson, J. A., Supt. Elevators.
137b—Peterson, J. E., Rd. Mast.
619—Peterson, J. W., Asst. Div. Eng.
207—Peterson, J. W., Rd. Mast.
787b—Peterson, L. B., M. M.
930—Peterson, L. E., Rd. Mast.
1001a—Peterson, N. C., Gen. Rd. Mast.
1001a—Peterson, S. J., Gen. Clm. Agt.
186—Peterson, W., Eng. Hse. For.
195a—Peterson, W., Rd. Mast.
1840—Petet, C. F., Sec.
248a—Petit, H. L., Ch. Surg.
204a—Petran, C., Gen. Mach. Shop For.
58a—Petri, P. Div. Eng.
137b—Petrie, C. A., Car For.
657a—Petrie, H., Pres. & Gen. Mgr
1367—Petrie, J. M., Traf. Mgr.
178—Petrie, L. S., Sec. & Treas.
384—Petrikin, W. L., Pres.
693b—Petriot, L. J., Asst. Div. Supt
382—Petry, H. M., Dist. Rd. Mast.
698a—Pettibone, C. J., Gen. Supt.
716—Pettibone, D. C., Mail Traf. Mgr. & G. B. A.
395—Pettibone, F. G., V.-Pres. & G. M.

626a-Pettibone, F. W., Gen. Mgr.
736—Pettibone, W. B., V.-Pres.
860—Petticrew, C. B., Supt.
514a-Pettigrew, R. W., Supt.
58c, 935—Pettigrew, W. E., Asst. Div. Eng., Asst. Eng.
1808—Petitjohn, F., Acct.
179—Pettit, C. N., Supt.
1583b-Pettit, J. T., Traf. Mgr.
1001b-Pettit, Jr., F.E., Gen. Atty.
705—Pettus, J. K., Asst. Eng.
47—Petty, T. M., Rd. Mast.
629—Petty, W. R., Asst. Supt.
286—Pettyes, L. O., Ch. Eng.
1433—Peuchen, W. G., Traf. Mgr.
1030b-Peverley, G. C., Treas.
76, 276—Pew, J. H., Pres.
76—Pew, Jr., J. N., V.-Pres.
186—Pewestorff, B. W., Rd. For. Eng.
382—Pewters, J. F., Asst. G. F. & P. A.
729—Peyton, E. T., Treas.
886—Peyton, G. V., Gen. Supt.
204a-Pfafflin, E. H., Div. Eng.
886—Pfahler, F. B., Asst. to Ch. M. P.
751a-Pfalzgraff, C. A., Supvr.
698a-Pfau, J. W., Eng. Constr.
547b-Pfefferle, L. G., Sec. & Treas.
961—Pfeifer, H. J., Ch. Eng.
1443—Pfeifer, J. O., Traf. Mgr.
600—Pfeifer, P. E., Supt.
698a-Pfeiffer, A. T., Rd. For. Eng.
349—Pfeiffer, J., Supt. M. P.
1001d-Pfiester, J., Rd. For. Eng.
739—Pfizer, W. R., Sec.
1598—Pflager, C. W., Mech. Supt.
666—Pflasterer, G. S. Sig. Eng.
1001a-Pfleging, F. W., Sig. Eng.
137b-Phair, R. A., Rd. For. Eng.
549—Pharr, A. J., Compt.
58b-Phares, D. F., Gen. For. Loco. Dept.
195—Phebus, F. M., Str. Kpr.
204a-Phelan, F., Rd. Mast.
751b-Phelan, J. B., Div. Supt.
204b-Phelan, J. P., Div. Supt.
137b-Phelan, P. J., B. & B. Mast.
879a-Phelan, S. H., Supt. Rd. Way.
139—Phelan, W., Car Acct.
40—Phelps, B. P., Eng. Shop Ext.
549—Phelps, C. B., Asst. Supt. Trans.
983—Phelps, E. R., G. F. & P. A.
346—Phelps, J. D., Asst. Treas.
995—Phelps, L., Supt.
137c-Phelps, L. N., B. & B. Mast.
625—Phelps, W. E., Gen. Str. Kpr.
751—Phelps, W. G., Asst. Pur. Agt
930—Phelps, W. H., Div. Eng.
1001d-Pheney, P. A., Gen. Rd. Mast
89a, 229c-Phetteplace, L. H., Gen. Mgr.
97—Philbrook, C. F., Tie & Timb. Agt.
1040—Philips, T. L., Asst. Eng.
176—Phillabaum, F. M., Str. Kpr.
751—Phillippe, B. P., Asst. Pur. Agt.
697—Phillips, A. H. F., For. Paint.
751a-Phillips, C. R., For. Car Shops
1021—Phillips, D. G., Supt. Safety.
757—Phillips, E., For. Paint.
1039—Phillips, E. F., Div. Acct.
47—Phillips, E. J., Asst. Str. Kpr.
186—Phillips, E. R., Gen. For. Car Dept.
1925c-Phillips, F. E., V.-Chman.
523—Phillips, G. A., Eng. M. W.
266—Phillips, G. F., Coun. for Recr.
886—Phillips, G. Z., Asst. Pass. Traf. Mgr.
137—Phillips, H., Asst. Sec.
675—Phillips, H. C., Supt. & Traf. Mgr.
159—Phillips, H. J., Trk. Supvr.
1069—Phillips, H. O., Pres.
860, 860a—Phillips, H. S., Supt. Personnel & Safety.
159—Phillips, J. H., Asst. Trk. Supvr.
705a-Phillips, J. T., Rd. Mast.
204a-Phillips, J. W., Div. M. M.
137c-Phillips, L. S., Loco. For.
628a-Phillips, N. A., Sec.
1594—Phillips, R. B., Traf. Mgr.
847—Phillips, T. F., Div. Str. Kpr.
808—Phillips, T. G., Supvr. Sig.
847—Phillips, W., Gen. For.
137a, 137b-Phillips, W., Mgr. Ind. Dept.
275—Phillips, W. E., Str. Kpr.
407—Phillips, W. J., G. F. A.
547b-Phillips, W. J., M. M.
137a-Philpot, W., Rnd. Hse. For.
186—Phinney, R. M., Asst. Sig. Eng.
128—Phipps, J. H., V.-Pres.
58a-Phipps, Jr., J. W., Indust. Agt.
670—Piccone, C., Brdg. Eng.
428—Pichetto, A. J., Air Brk. Lubr. & Steam Heat. Insp.
207—Pickard, L. E., Div. Str. Kpr.
359-933a-Pickard, R. W., G. F. A.
787b-Pickard, W. F., Aud. & G. F. & P. A.
452—Pickard, W. H., Traf. Mgr. & Pur. Agt.
927—Pickens, J. C., Off. Eng.
24—Pickering, C., Rd. Mast.
207—Pickering, J. R., Supt. Trans.
599—Pickett, J. A., Ch. Surg.
382—Pickett, S., Trav. Eng.
241b-Picking, B. J., Sec. & Treas.
1001d-Pickles, E., Shop Supt.
137f-Pickles, J. L., Div. Eng.
139a, 676a—Pickrell, W. J., M. M.
382—Pickus, A. J., Car. For.
368—Pidcock, C. W., Pres.
366, 368—Pidcock, Jr., C. W., Sec. & Pur. Agt., Asst. to Pres., Treas. & Pur. Agt.
335, 366, 368—Pidcock, F. R., Gen. Mgr., V.-Pres., V.-Pres. & Sec.
366—Pidcock, J. N., Pres. & Gen. Mgr.
751a-Pie, L. S. C., Supvr.
927—Pierce, A. B., Eng. Wat. Sup.
186, 209—Pierce, A. S., Asst. Sec. & Treas., Treas.
207—Pierce, C. F., Dairy & Poultry Agt.
700—Pierce, C. W., Asst. Sec.
1317—Pierce, E. E., Sec. & Treas.
87a-Pierce, E. J., V.-Pres.
693b-Pierce, F. E., Ch. Surg.
66a-Pierce, F. R., Gen. Traf. Mgr
751a-Pierce, H. L., Supvr.
428—Pierce, J., Supvr.
776a-Pierce, J. A., Asst. Treas.
523—Pierce, J. E., Supvr.
275—Pierce, J. J., Asst. Div. Supt.
472—Pierce, J. M., M. M.
523—Pierce, L. M., Asst. Gen. Land & Tax Agt.
886—Pierce, L. S., Rnd. Hse. For.
322—Pierce, M. B., Gen. Atty.
695a—Pierce, O., Div. Supt.
757—Pierce, P. K., Rd. For. Eng.
342—Pierce, P. P., Asst. Eng.
322a-Pierce, R., Mast. Carp.
1001b-Pierce, R. A., Gen. Supt.
726c, 961—Pierce, T. M., Pres., V.-Pres.
1021—Pierce, W. S., Gen. Coun.
718c-Piercy, A. C., Mech. Eng.
204—Pierpont, H. E., Ch. Traf. Off.
139—Piers, A. S., Mgr. R. E. Dept.
322b-Pierson, C., Trk. Supvr.
322b-Pierson, E. E., Trk. Supvr.
520—Pierson, H. G., G. F. & P. A.
229—Pierson, J. H., Aud.
40a—Pierson, O. G., Gen. For.
235—Pierson, S. G., Treas.
137b-Piggott, W. J., Supt.
800—Pigot, C. J., Eng. M. W.
382—Pike, E. E., Div. Str. Kpr.
1021—Pilcher, H. B., Asst. Eng.
705—Pilcher, J. A., Mech. Eng.
183—Pilcher, J. F., Car For.
1850b-Pilcher, L., Sec., Frt. Clms. Div.
629—Pilger, J. A., Elec. Supvr.
1079a-Pilgrim, F. H., Supt.
696—Pilkington, J., Sig. Supvr.
137—Pillar, W. F., Supt.
549—Pilling, R. L., Supvr. Safety
814—Pillsbury, E. S., Pres.
428—Pillsbury, J. B., For. Paint.
670—Pimentel, M. A., Div. Str. Kpr.
751c-Pinard, T. W., Asst. Ch. Eng. M. W.
136a-Pinault, J. E., Gen. Supt.
19, 846a-Pindell, T. H., Gen. Mgr.
982—Pineda, M., M. M.
286, 323—Pinkerton, C. A., Supt. Trans., Supt. C. S.
207—Pinkerton, J. P., Mast. Carp.
629—Pinkerton, J. R., Rd. Mast.
1001b-Pinkerton, S. H., Ch. Surg.
751c-Pinkham, R. H., Div. Supt.
693b-Pinkney, G., Gen. For. Car Light.
886—Pinner, W. T., Asst. Rd. For. Eng.
176—Pinschmidt, W. C., Asst. Eng
66—Pinson, J., Gen. Aud. & G. F. & P. A.
204b-Pinson, J. F., Div. Eng.
523—Piollet, H., Asst. Supt., Fuel Dept.
40b-Piper, A. R., Gen. For.
916—Piper, A. R., Pres.
195a-Piper, C. M., Mast. Carp.
751a-Piper, W. F., Gen. For.
549—Pipes, H. T., Supvr.
137a-Pippey, F., Rd. Mast.
137a-Pirie, W. H., Gen. Car For.
40b-Pirschell, W., Office Eng.
40b-Pirtle, L. H., Gen. For. B. & B.

306a–Pike, F. H., Sec. & Treas.
964—Pistole, A. E., Div. Supt.
751—Pitcairn, N. B., Div. Supt.
696—Pitcher, F. J., Asst. Eng. Struct.
905—Pitcher, J. R., V.-Pres., Treas. & Gen. Mgr.
176—Pitchford, C. K., Str. Kpr.
886—Pitchford, J. S., Asst. Insp. Strs.
705—Pitman, F. H., Asst. G. F. A.
751c–Pitman, W. C., Asst. Supt. Labor & Wage Bur.
137b–Piton, E. S., B. & B. Mast.
549—Pitt. J. D., Supvr.
724—Pittman, C., Rd. Mast.
677a–Pittman, F. E., G. P. A.
428—Pittman, T. M., Rd. Mast.
271a–Pitts, R. E., Aud.
41—Pitts, W. E., Supvr.
696—Place, A. E., Fuel Supvr.
198—Place, E. C., Car For.
229, 600, 692x, 771—Place, I. A., V.-Pres.
930—Plaisted, F. H., Asst. to V.-Pres.
670—Plancarte, A. E., Div. Supt.
930—Plank, V. R., Dist. Str. Kpr.
137a–Plant, A. E., Compt.
927—Plant, A. H., Asst. to Pres.
1701—Plant, W. H., Gen. Aud.
693b–Plaster, R. J., Agri. Agt.
1001b–Platt, H. V., Gen. Mgr.
927a–Platt, J. E., Rd. Mast.
1904—Platt, J. G., V.-Pres.
670—Platt, J. R., Gen. Treas.
182, 395a–Platten, J. W., Chman., Chman. & V.-Pres.
427a–Plattenburg. W. D., Sec.
476—Platter, A. F., V.-Pres.
342—Player, L. J., Trk. Supvr.
477—Playfair, J., V.-Pres.
703—Pleasants, A. B., Ch. Eng.
886—Pleasants, H. E., Asst. G. P. A.
382—Plechner, F. I., Asst. Pur. Agt.
751a–Pletz, T. A., Supvr. Tel. & Sig.
137g–Plowman, H., Supvr. Trk.
757—Plumer, A. E., Asst. Mgr. Mail, Bag. & Exp. Traf.
1001a–Plumhof, H. J., Gen. Supt.
58—Plumly, C. A., Supt. Tel.
563—Plumly, C. A., Valua. Eng.
195a–Plummer, A. K., Gen. For. Car Rep.
886—Plummer, L. B., Asst. Gen. Solr.
207—Plummer, S. C., Ch. Surg.
204a–Podas, N. F., Asst. Eng.
201—Podesta, L., Supt.
7a–Podesta, L. J., Supt. Din. Car Serv.
693b–Podmore, J. M., Div. Eng.
209—Podruch, F. M., For. Rnd. Hse.
493—Poe, J. C., Supt. & Gen. Clm. Agt.
378—Poe, W. A., Mgr.
751a–Poffenberger, J. C., Supvr.
549—Pogue. A. A., Asst. Eng.
433—Pogue, J. M., Gen. Mgr.
1039a–Pohlabeln, N., Rd. Mast.
176—Poindexter, J. H., Supvr. Trk
705—Poindexter, M. M., Supvr. B. & B.
470—Poland, C. L., Rd. Mast.
186—Pole, J. S., Asst. Eng. Trk Elev.
930—Polk, E. H., Dist. Str. Kpr.
776a–Polk, W. M., Shop For.
61—Polk, W. U., Supt. & Asst. Eng.
847—Pollak, F. A., Asst. Eng.
927—Pollard, F. D., Aud.
930—Pollard, H., Gen. Fire Insp.
157—Pollard, H. D., V.-Pres. & Gen. Mgr.
555—Pollard, J. J., M. M.
207—Pollard, J. S., Rd. Mast.
927—Pollard, W. T., Aud.
930, 931a—Pollock, A., Mgr. Din. Cars, Hotel & Rest.
40c–Pollock, A. L., Rd. Mast.
97, 1873—Pollock, B. R., V.-Pres. & Gen. Mgr., Memb.
58—Pollock, C. G., Aud.
33b–Pollock, D., V.-Pres.
176—Pollock, S. J., Car Acct.
693a–Pollock, W. B., Mgr. Marine Dept.
696—Polson, T. P., Asst. Div. Eng.
342—Pomeroy, T. V., Asst. Treas. & Compt.
274—Pomeroy, R. J., Div. Str. Kpr.
751—Pomeroy, W. McL., Gen. Frt. Agt.
274—Pond. F., Eng. Brdgs.
382—Pond, R. H., Asst. Sig. Supvr
123—Pond, W. F., Office Eng.
1404b–Ponder, A. O., Traf. Mgr.
439, 872b–Ponder, A. R., Supt., Gen. Mgr.
737f–Pontius, D. W., V.-Pres. & Gen. Mgr.
58a–Pool, I. J., Dist. Boil. Insp.
382—Poole, F. L., Car For.
58a–Poole, P. T., Dist. M. P. Insp.
204a–Pooley, F. S., Tie Agt.
1830—Pooley, W. R., Comr.
1833—Poor, G. T., Comr.
696—Poore, G. A., Supt.
716—Poore, J. C., Asst. G. P. A.
342—Pooser, A. I., Supt. Trans.
417—Pope, A. E., V.-Pres.
619—Pope, C. S., Aud.
58a–Pope, E. C., Asst. Rd. For. Eng.
930—Pope, F. W., Aud.
42—Pope, R., Asst. G. F. A.
734—Pope, R. M., Asst. Treas. & Pur. Agt.
930—Pope, S. A., Supvr. Time Serv.
198—Popel, T., Car For.
629—Popejoy, C. F., Supvr. Water Serv.
629—Popkess, E. G., Gen. Live Stk. Agt.
751—Porcher, S., Gen. Pur. Agt.
693a–Porlier, J. B., Rd. For. Eng.
1004—Poronto, H. E., V.-Pres.
207—Portel, P., Asst. G. F. A.
1478—Porter, C. A., Traf. Mgr.
930, 1901—Porter, D. A., Div. Eng., V.-Pres.
180—Porter, E., Supvr.
629—Porter, E. A., Dist. Str. Kpr.
1262—Porter, E. H., Traf. Mgr.
1841—Porter, E. H., Comr.
1632a–Porter, F. B., Traf. Mgr.
881—Porter, F. H., Sec., Treas. & Gen. Mgr.
137b–Porter, F. R., Forn. Frt. Agt.
881—Porter, G. A., Pres.
40—Porter, G. W., Asst. Sec.
306—Porter, H. P., Pur. Agt. & Supt.
82—Porter, H. T., Ch. Eng.
1824—Porter, J. H., Comr.
47—Porter, J. I., Str. Kpr.
1058—Porter, J. N., Rd. Mast.
137c–Porter, J. W., Spec. Eng.
881—Porter, L. A., Pur. Agt. & Supt.
204a–Porter, L. B., Asst. Sig. Eng.
964—Porter, L. C., Asst. Gen. Clm. Agt.
600, 692x, 771—Porter, L. V., Asst. Compt.
455, 1515—Porter, R. B., Traf. Mgr.
79, 191—Porter, R. L., Sec. & Aud.
705—Porter, S. B., Rd. Mast.
516—Porter, S. C., Sec.
47—Porter, S. E., M. M.
193—Porter, S. L., Aud.
666—Porter, W. J., Ch. Trav. Eng.
306—Porter, W. P., Pres. & G. M.
428—Porterfield, J. F., Gen. Supt. Trans.
58a–Porterfield, W. B., M. M.
886—Portlock, W. M., Gen. Str. Kpr.
751b–Portser, W. W., Supvr.
176—Portwood, A. J., Str. Kpr.
866, 974, 1040–Post, C. F., Pur. Agt.
751—Post, E. K., Sig. Eng.
123—Post, F. H., Supt. Sta. & Transfers.
47, 1068—Post, J. F., Asst. Sec.
265, 860a–Post, K. M., Supt.
927a–Post, W. D., Supt.
751—Post. W. M., Asst. Ch. Sig. Eng.
716—Post, W. S., Ch. of Tar. Bu.
137c–Postans, R. A., Rd. Mast.
139—Postans, R. H., Custome Agt.
47—Potter, E. L., Aud.
616—Potter, G. F., For. Rnd. Hse.
328a–Potter, H. R., V.-Pres. & Gen. Mgr.
488a–Potter, J. P., Supt. Trans.
204—Potter, M. W., Comr.
1021—Potter, N. E., Supvr.
236—Potter, R. K., V.-Pres. & Gen. Mgr.
137b–Potter, S. J., Asst. Treas.
1821—Potter, W. W., Comr.
757—Potticary, E. M., Chman. Tariff Bur.
498—Potts, F. W., Treas.
58a–Potts, H. M., Mast. Carp.
176—Potts, J. D., Pass. Traf. Mgr.
439—Potts, V. N., Gen. For.
696—Potts, W. A., Asst. G. P. A.
137c–Poucher, L. G., Asst. Supt.
58—Poumairat, C. H., Aud.
956b–Pound, C. A., Treas.
1040—Powell, A. H., Supt. Shops.
58a–Powell, C. D., Dist. Boil. Insp.
1201—Powell, C. R., Traf. Mgr.
776—Powell, F. H., Supt.
808—Powell, G. K., Ch. Police.
437c, 933a–Powell, H., Res. Eng.
431—Powell, H. G., Traf. Mgr.

382—Powell, H. V., Asst. Sig. Supvr.
693—Powell, J. C., Valua. Eng.
751a—Powell, J. H., Rd. For. Eng.
918a—Powell, J. L., Supt. Car. Ser.
182—Powell, J. N., Rd. For. Equip.
304—Powell, J. W., Treas.
1020a, 1056—Powell, J. W., V.-Pres. & Gen. Mgr.
931a—Powell, L. C., Rnd. Hse. For
884, 886—Powell, Jr., L. R., Compt., V.-Pres. & Compt.
40a—Powell, L. W., Div. Fuel Supvr.
563—Powell, M. E., Scale Supvr.
1598—Powell, O. P., Asst. Gen. Mgr.
40c—Powell, S., Div. Str. Kpr.
182—Powell, T. C., Pres.
1826—Powell, U. G., Rate Expert
428—Powell, V. N., M. M.
648—Powell, W. B., Gen. Mgr.
58a—Powell, W. H., Asst. Rd. For. Eng.
901—Powell, W. M., Sec.
931, 931a—Power, J. A., Supt. M. P. & Equip.
108—Power, W. D., G. F. & P. A.
382—Power, W. J., Asst G. F. A.
931a—Power, W. P., Supvr. B. & B.
1543, 1593a, 1674a—Powers, A. M., Traf. Mgr.
139c—Powers, C., Div. M. M.
428—Powers, C. C., Gen. For. Car Dept.
693c—Powers, F. S., Rd. For. Eng.
915—Powers, J. F., Aud.
693a—Powers, J. W., Supvr. Trk.
274—Powers, M. J., G. P. A.
994—Powers, M. J., Str. Kpr.
1893—Powers, T. F., Pres.
186—Powers, T. F., Gen. For. Boiler Mkrs.
1518—Powers, W. M., Traf. Mgr.
137b—Powers, W. S., Str. Kpr.
139g—Powles, C. J., Supt. Shops.
1021—Pownall, W. A., Mech. Eng.
280—Pramuk, J. J., Supvr. B. & B.
1001b—Prater, B. H., Eng. M. W.
229e—Prater, W. W., Rd. Mast.
428—Prather, W. A., Div. Str. Kpr.
631—Prator, E. P., M. M.
1910—Pratt, A. E., V.-Chman.
207—Pratt, C. B., Div. Supt.
931b—Pratt, E. J., Asst. Mgr.
737d—Pratt, F. S., Ch. of Bd.
1386—Pratt, H. H., Gen. Traf. Mgr.
1039—Pratt, H. R., Ch. Eng.
751a—Pratt, I. D., Gen. For.
137e—Pratt, J., Loco. & Car For.
137b—Pratt, J. P., Asst. Reg. Coun.
930—Pratt, L. S., M. M.
808—Pratt, J. T., Supvr. Safety
132—Pratt, O. W., Gen. Coun.
1850a—Pratt, T. E., 2 V.-Chman.
137—Pratt, W., Gen. Mgr. Sl., Din. & Par. Cars, Hotels & Ry. Rest.
682—Pratt, W. D., V.-Pres.
751a—Preble, A. E., Supvr.
964—Prendergast, A. P., Mech. Supt.
183C—Prendergast, W. A., Chman.
696—Prentice, C. D., Asst. Eng.
693b—Prentice, J. A., Gen. Insp. Trk
209—Prentice, J. J., Div. Supt.
947—Prentice, L. C., G. F. & P. A.
696—Prentice, T. M., Asst. to Compt.
204—Prentiss, G. N., Eng. Tests.
933—Prescott, C. H., M. M.
563—Prescott, W. A., Asst. Rd. Mast.
229—Presler, F. A., Asst. Div. Eng.
716—Press, S. T., For. Paint.
695a—Preston, G. W., Supvr. Trk.
452—Preston, H. M., Pres.
58—Preston, H. R., Gen. Solr.
1082a—Preston, P. J., Gen. Mgr. & Ch. Eng.
139—Preston, R., S. M. P.
350, 739c—Preston, W. C., Traf. Mgr.
927a—Preston, W. E., Rd. For. Eng.
229—Preston, W. H., Div. Str. Kpr.
32a, 546a—Prestridge, G. S., 2 V.-Pres., V.-Pres. & Gen. Mgr
1035—Pretlow, J. A., Recr.
207—Pretty, G. H., Gen. For. Loco. Dept.
547b—Prewett, F. E., Gen. Mgr.
131—Pribble, C., Supvr.
40—Pribble, H. C., Gen. Clm. Agt.
209—Pribil, I. F., For. Rnd. Hse.
195b—Price, B. F., Gen. For.
927b—Price, C. E., Trk. Supvr.
137b—Price, C. P., Elec. Supt.
1001b—Price, C. W., Asst. G. F. A.
931a—Price, C. W., Rd. Mast.
439—Price, D. J., G. P. A.
549—Price, D. K., Asst. Div. Supt.
209—Price, E., Gen. Acct.
696—Price, E. H., Gen. Str. Kpr.
879—Price, E. M., Sec. & Treas.
1809—Price, E. M., Rate Expert.
31—Price, F. E., Asst. to Pres. & Gen. Mgr.
392—Price, H. C., Gen. Sig. Insp.
61b—Price, H. I., Pur. Agt.
989a—Price, H. W., Aud., Pur. Agt. & Traf. Mgr.
1809—Price, J. D., V.-Chman.
176—Price, J. W., Supvr. Wat. Sup.
927a—Price, J. W., Trk. Supvr.
47—Price, K. W., Asst. Aud.
927a—Price, R. E., Supvr. B. & B.
1001—Price, T., Sec.
139h—Price, T. E., Div. Eng.
886—Price, T. M., M. M.
990—Price, T. P., Pres.
1640c—Price, W. B., Traf. Mgr.
466a—Price, W. C., Sec.
1001a—Price, W. T., Asst. G. F. A
629—Prickett, J. A., R. of W. Agt.
472—Prickett, J. M., Supt. Person.
899—Prickett, W. L., V.-Pres.
882a—Priesker, C. L., Ch. Coun.
132c—Priest, C. E., Aud.
787—Priest, C. H., Supt.
139—Priestman, H., Div. Str. Kpr.
322—Prigge, J., Asst. Aud.
1849—Primeau, E. A., French Asst. Sec.
835—Prince, A. N., Sec.
886—Prince, B. C., Frt. Traf. Mgr.
47, 166, 1068—Prince, E. L., Aud.
927—Prince, S. R., Gen. Solr.
97—Prindall, W. H., M. M.
137b—Pringle, J. F., Asst. Gen. Supt. Trans.
523—Pringle, N. W., Pass. Traf. Mgr.
58a—Prinn, B. H., Sig. Supv.
523—Printz, S. E., Eng. Tests.
705a—Pritchard, J. R., Asst. Sec.
159—Prizer, J. R., Asst. Eng. M. W.
669—Procter, W. C., Asst. G. F. A
439—Proctor, B. W., Asst. Gen. Mgr.
1858c—Proctor, C. B., 1 V.-Pres.
203, 204a—Proctor, T. W., G. F. A., Asst. Frt. Traf. Mgr.
192—Propst, C. F., Pres. & Gen. Mgr.
307—Prosser, H., Sec.
186—Protz, O., Gen. For. Loco. Dept.
504a—Proudfoot, G. F., V.-Pres.
583—Prout, Jr., J. W., Gen. Mgr.
1839—Proutt, F. G., Conslt. Eng.
183—Provine, W. M., Gen. Atty.
927b—Pruitt, G. W., Rd. For. Eng.
428—Pruitt, J., Supvr.
395—Pruitt, J. B., Asst. Supvr. Air Brks.
628b—Pruitt, W. C., Dist. Eng.
819—Pruter, D. A., Treas.
40d—Pruyn, J. B., Gen. Coun.
751b—Pry, E. B., Supt. T. & S.
58—Pryor, G. H., Aud.
181—Pryor, M., Supt.
629—Pryor, T. B., Gen. Atty.
847—Pryor, W. H., For. Wat. Serv.
47—Puckett, H. M., Rd. Mast.
1057e—Puckett, I. S., Rd. Mast.
927a—Puckett, J. W., Gen. For. Car Rep.
279—Puder, F. R., Div. Eng.
42—Pudney, E. H., Elec. Eng.
670—Puente, F. N., Gen. Agt.
693b—Puette, J. P., Supvr. Elec. Appli.
886—Pugh, A. R., Gen. A. B. Insp
439—Pugh, C. H., Asst. G. F. A.
549—Pugh, C. H., Supvr.
207—Pugh, J. B., Rd. Mast.
123—Pugh, W., Asst. G. F. A.
695a—Pugsley, A. C., Gen. Car Insp
1848—Pugsley, J. W., Sec.
693a—Pugsley, O., Rd. For. Eng.
137b—Pulford, W., Rd. Mast.
40c—Pullar, J., M. M.
240—Pullen, T. M., M. M.
40b—Pulliam, B. R., Rd. Mast.
176—Pulliam, S. H., Div. Eng.
786—Pumfrey, T., Eng. M. W.
58b—Pumphrey, C. H., Asst. G. F. A.
137—Punter, W. M., Sig. Eng.
182—Purcell, F. C., Asst. Eng.
40—Purcell, J., Asst. to V.-Pres.
716—Purcell, M., Gen. Air Brk. Insp.
428—Purcell, W. H., Supvr. Trk.
860, 860a—Purdon, C. D., Conslt. & Valua. Eng.
628b—Purdy, G. A., Supvr. B. & B.
58b—Purdy, J. W., Asst. Div. Eng.
678—Purner, J. W., V.-Pres.
886—Pursell, D. E., Rd. For. Eng.

357—Purvis, G. H., Aud.
365—Purvis, H. W., Gen. Mgr. for Recr.
365—Purvis, M. H., Str. Kpr.
849—Pusey, R. D., G. P. A.
137a—Pusnie, C. S., Supt. Term.
751c—Puterbaugh, I., Supvr.
268—Puterbaugh, J. G., Pres.
886—Puthuff, E. A., Gen. Insp. Frt. Equip.
382—Putnam, C. H., M. C. B.
921b—Putnam, E. D., Gen. For.
621—Putnam, F. J., Rd. For. Eng.
776a—Putnam, J. M., Supt.
1936—Putnam, R. W., 2 V.-Pres.
93—Putnam, W. R., V.-Pres.
619—Putz, C. H., For. Paint.
898—Pye, D. W., Treas.
176—Pye, J. P., Gen. For.
279—Pyeatt, J. S., Pres.
1021—Pyle, A. V., Supvr.
428—Pyle, G. L., Sig. Insp.
176—Pyle, I. L., Asst to Ch. Eng.
97—Pyne, D. H., Div. Car For.
139—Pyne, R. A., Supt. M. P.
930a—Pyott, W. T., Asst. Aud.

Q

831—Quackenbush, G. W., V.-Pres
305b—Quackenbush, R. P., Compt.
693a—Quackenbush, R. W., Gen. Agri. Agt.
696—Qualters, J. L., Div. Str. Kpr.
979—Qualy, A. B., Sec.
137c—Quantic, C. J., Supt. M. P. & Car Equip.
886—Quarles, H. C., M. M.
176—Quarles, J. L., Asst. Gen. Str. Kpr.
176—Quarles, J. W., For. Paint.
47—Quelch, B., Asst. Aud.
109—Quellmalz, A., V.-Pres.
109—Quellmalz, A. F., Supt.
109—Quellmalz, E. L., Treas.
109—Quellmalz, H. A., Pres.
549—Query, H. M., Asst. Sig. Supvr.
751a—Querry, L. H., For. Car Shops
24—Quigley, C. V., Str. Kpr.
229—Quigley, H. N., Gen. Coun.
696—Quigley, H. O., Trk. Supvr.
58b—Quigley, J. E., Gen. For. Loco. Dept.
1040—Quigley, J. P., Supt. Trans. & Tel.
1001d—Quigley, J. P., Asst. G. F. A.
428—Quigley, T. J., Supt.
58b—Quill, J., Supvr. Rd.
979—Quill, J. J., Local Treas.
40b—Quillen, O. P., Rd. Mast.
139d—Quilty, B. J., Supt.
97—Quilty, J. P., Div. Supt.
893—Quin, Jr., O. B., Sec.
737d—Quinan, G. E., Ch. Elec. Eng.
1893a—Quincey, E. E., 2 V.-Pres
696—Quinlan, F. T., Eng. Tests
720—Quinlan, J. A., G. F. & P. A.
266—Quinlivan, J., G. F. & P. A.
275—Quinlivan, P., Rd. Mast.
92—Quinn, C., Aud.
549—Quinn, C. D., G. F. A.
279—Quinn, D., Rd. Mast.
787b—Quinn, E. V., Gen. Mgr.
751b—Quinn, F. McD., Asst. G. F. A.
751—Quinn, F. X., G. F. A.
47—Quinn, H. F., Ch. Elec.
751a—Quinn, J. H., Gen. For.
58b—Quinn, J. P., Gen. For. Car Dept.
413—Quinn, L. J., Supvr. Trk.
186—Quinn, M., Rd. For. Eng.
275—Quinn, M. A., M. M.
787b, 1580b—Quinn, M. M., V.-Pres. & Sec., Gen. Mgr.
26b—Quinn, F. H., Pres.
787b—Quinn, F. H., Treas.
87—Quinn, P. J., Supvr. Trk.
800—Quinn, P. J., Mech. Supt.
787b—Quinn, R. M., Supt.
771—Quinn, S. J., Supvr.
472, 962—Quinn, T. F., Asst. Eng., Ch. Eng.
428—Quinnell, H. J., Gen. For. Car Dept.
58—Quivey, O. K., Gen. Agri. Agt

R

428—Raasch, R. G., Asst. G. F. A.
597—Rabago, J. E., Gen. Str. Kpr.
927a—Rabbitt, O. C., Asst. Eng. Maint.
322b—Raber, S. G., Sig. Supvr
549—Rabuck, J. A., Mech. Eng.
619—Raby, J. E., Rd. Mast.
270—Racer, J. D., Rd. Mast.
279—Racey, S. I., Supt.
693b—Rachor, C. H., Supvr. Trk.
600—Rachor, W. C., Supvr. Sig.
40b—Rackett, W. J., Gen. For.
751c—Radbone, W. R., Mast. Carp.
523—Radcliffe, C. H., Aud.
58a—Radcliffe, C. R., Rd. For. Eng.
375—Raddaiz, E. J., Pres. & Treas.
828—Rader, R. E., Sec. & Treas.
994—Rader, W. L., Supt.
137d—Radford, W. J., Asst. Supt.
176—Radspinner, W. A., Spec. Eng.
631—Radtke, H. A., Gen. Mgr.
629—Rae, J., For. Car Dept.
737g, 1849a—Rae, W., Supt. M. P., Ch. Insp. Equip.
751c—Raedel, W. P., M. M.
14—Rafferty, C. D., M. M.
860, 860a—Rafferty, J. W., Fuel Insp.
719—Raffield, J. A., Supt.
547a—Ragan, R. H., G. F. & P. A.
182—Ragel, W. A., Asst. Compt.
47—Ragin, W. C., G. F. A.
740—Ragland, N. H., Sec. & Gen. Mgr.
629—Ragland, R. R., Sig. Supvr.
349—Ragon, C. B., Asst. to V.-Pres. & Gen. Mgr.
931a—Ragsdale, E. P., Trav. Eng.
439—Ragsdale, W. H., For. Wat. Serv.
322a—Rahaley, J. D., Div. Supt.
40c—Rahmgren, F., Rd. Mast.
349—Rainer, J. D., G. P. A.
195b—Raichart, E. B., Rd. Mast.
243—Raiff, F. R., V.-Pres.
629—Railey, T. T., Asst. to Gen. Solr.
888—Raine, J., Treas.
888—Raine, J. M., V.-Pres.
888—Raine, T. W., Pres.
87a—Rainer, J. H., Aud.
847—Raines, J. T., Rnd. Hse. For
729—Raines, W., M. M.
751a—Rainey, P. A., Elec. Eng.
97—Rainie, H. M., Asst. to Pur. Agt.
248a—Rains, J. P., Rd. Mast.
141a—Rains, L. F., Pres.
386a—Rains, N. J., Aud.
1838—Raish, J. W., Chman.
382—Raiter, C., Dist. Rd. Mast.
40c—Raitt, C., Asst. M. M.
705—Raitt, J. W., Asst. Eng.
931a—Raleigh, W. H., Rd. Mast.
629—Ralls, H. C., Dist. Str. Kpr.
696—Ralston, A. L., Mech. Supt.
325b, 1003—Ralston, J. A., Mech. Eng.
478—Ralston, L. E., Sec. & Treas.
927—Ramage, J. C., Eng. Tests.
629—Rambach, W. A., Frt. Traf. Mgr.
808—Rambo, C. C., Gen. Coal Frt. Agt.
629—Rambo, W., Rd. Mast.
632—Ramer, J. W., Trk. Supvr.
186—Ramer, P. W., Div. M. M.
847—Ramey, L., Div. Rd. Mast.
670—Ramirez, M., Div. Supt.
670—Ramiro, A., Div. Str. Kpr.
670—Ramos, F. O., Rd. Mast.
670—Ramos, M., Supt. Shops.
1551b—Ramsay, G. H., Traf. Mgr.
137c—Ramsay, J., Loco. For.
726b—Ramsay, W. C., Gen. Mgr.
1001a—Ramsdell, C. C., Rd. Mast.
563—Ramsdell, F. H., M. M.
1001c—Ramsdell, T. M., M. C. B.
230—Ramsden, J., Pres.
176—Ramsey, D. F., Supvr. Trk.
927—Ramsey, E. L., Div. Str. Kpr
695c—Ramsey, F. R., Ch. Eng.
583—Ramsey, G. L., Treas.
440a—Ramsey, H. A., Ch. Eng.
755a—Ramsey, H. H., Aud.
927b—Ramsey, J. J., Gen. For.
880—Ramsey, R. B., Supt. & Aud.
176—Ramsey, T. B., Sig. Insp.
1021—Ramsey, T. V., Rd. For. Eng.
726b, 845—Ramsey, W. C., Gen. Mgr
204a—Ranallo, W., Rd. Mast.
696—Rand, H. G., Air Brk. Insp.
137a—Rand, I. C. Reg. Coun. & Gen. Clm. Agt.
546—Rand, L. S., Traf. Mgr.
1826—Randall, C. A., Comr.
1850k—Randall, G. C., Dist. Mgr.
1598—Randall, P. L., Supt. Car Serv.
527—Randolph, C. W., Traf. Mgr.
547—Randolph, E. H., Gen. Coun.
628a—Randolph, F. F., V.-Pres.
931, 931a—Randolph, N. P., Pur. Agt.
653—Randolph, R. D., V.-Pres. & Gen. Mgr.
693—Randolph, W. S., Asst. G. P. A
209—Rands, W. T., For. Rd. Hse
549—Raney, W., Supvr.
771—Rankin, B. B., Asst. Gen. Aud.
93—Rankin, F. J., Supt. M. P. & Elec. Eng.
549—Rankin, G. W., Asst. Div. M. M.

845—Rankin, J., G. F. A.
322a—Rankin, J. D., Asst. Sig. Supvr.
528—Rankin, K. C., Supt.
751—Rankin, S. M., Asst. Ch. Trans
808—Rankin, W. E., For. Car Shops
751b—Rankin, W. F., Mast. Carp.
139d—Rankin, W. G., Clms. Agt.
769—Rankin, W. I., G.F. & P.A.
382—Rankine, J. C., Supt. Tel.
619—Ranous, W. C., Supt. Trans.
886—Ransom, C. B., Asst. Rd. For. Eng.
1598—Ransom, J. T., Asst. Gen. Mgr.
666—Ransom, M. S., M. M.
575—Ransom, W. C., Supt.
897—Ranson, S., Sec.
382—Rapatz, E. F., Asst. Sig. Supvr
428—Rapelye, E. F. D., Ch. Draft.
716—Rapelje, J. M., V.-Pres.
1002—Rapp, W. C., Supt. & Sec.
428, 1893—Raps, J. F., Gen. Loco. & Boiler Insp., V.-Pres.
808—Rasbridge, R. B., Supt. Car Dept.
209—Rask, A. G., Supt. B. & B.
279—Rask, J. A., Rd. Mast.
488a—Rasmusen, W. A., Supt. Float. Equip.
382—Rasmussen, C., Dist. Rd. Mast.
186—Rasmussen, H., Rd. Mast.
871—Rasmussen, O., Rd. Mast.
382—Rasmussen, O. W., Car For.
982b—Rasor, C. M., Ch. Eng.
176—Ratcliff, C. V., Gen. For. Car Dept.
1001a—Ratcliff, F., Rd. Mast.
437—Ratcliff, T. R., Eng. M. W.
696—Rathbun, W. S., Gen. Asst.
927—Rathburn, J. A., Supt. Car Records.
751a—Rathvon, J. F., For. Car Shops.
693a—Ratigan, A. M., Sig. Supvr.
927—Ratliff, C. M., Cost Eng.
428—Ratliff, W. L., Supvr. B. & B.
1339—Ratliffe, H. T., Traf. Mgr.
693a—Rauch, H. S., Div. Supt. M. P.
808—Rauenzahn, S. H., For. Paint. Car Shops.
751a—Raughley, R. F., Supvr. Tel. & Sig.
629—Rausch, C. C. P., Asst. Frt Traf. Mgr.
646—Rauschart, E. A., Mech. Supt
632—Rauth, H. H., Asst. G. P. A.
142c—Rawles, W. C., Pres.
279—Rawlings, C. H., Gen. Air Brk. Instr.
549—Rawlinson, J. E., Supvr. B. & B.
716—Rawlinson, W. H., Asst. Stat.
700—Rawson, D. H., Gen. Mgr.
388—Rawson, H. T., Rd. Mast.
931a—Rawson, W. E., Str. Kpr.
40c—Ray, A., Rd. Mast.
137g—Ray, A. L., Asst. Eng.
144a—Ray, B. J., Sec. & Treas.
282, 968a—Ray, C. C., Asst. Gen. Mgr. & Traf. Mgr., V.-Pres. & Traf. Mgr.
1006b—Ray, F. L., Supt. Power Plants.
275—Ray, G. J., Ch. Eng.
1001a—Ray, G. T., Supvr. B. & B.
180—Ray, G. W., M. M.
40—Ray, H. E., Gen. Str. Kpr.
847—Ray, H. J., Supt. Shops.
207—Ray, H. S., Dir. Per. & Public Rel.
58—Ray, J. P., Asst. Eng.
437a—Ray, J. W., Sec.
587—Ray, L. P., Car Act.
279—Ray, R. F., Gen. Supvr. Wage & Work Agree.
1839—Ray, T. G., Acct.
629—Ray, W., Rd. Mast.
58—Ray, W. M., Asst. Eng.
1039—Rayburn, W. W., Asst. Rd. For. Eng.
771—Raymer, A. R., Ch. Eng.
771—Raymer, I. S., Sig. Eng.
693a—Raymond, A. A., Supt. Fuel & Loco. Perf.
1001a—Raymond, D. M., Gen. For. Car Dept.
40b—Raymond, J. B., Div. Eng.
137b—Raymond, S. J., Comr. Ind.
207—Rayn, J. B., Asst. Gen. Frt. Agt.
137b—Rayner, J., Car For.
563—Raynes, A. J., Compt.
58—Raynor, C. B., Supvr. Weld.
629—Rea, J. W., Supt.
1885—Rea, S., Gen. Chman.
654—Read, C. O., Pres.
49, 799a—Read, E. B., Mgr. Dir., Pres.
469, 470—Read, J. C., Gen. Pur. Agt.
395—Read, J. W., Div. Str. Kpr.
696—Read, W. P., G. P. A.
995—Reading, J. P., Car Act.
137g—Reagan, J. H., Supt. Trk.
899—Reagan, P. L., Gen. Supt. & Treas.
773—Ream, A. H., Supt. M. P. & Equip.
792—Ream, C., Gen. Frt. Agt.
159—Reamer, R. V., Eng. M. W.
47—Reams, J. W., M. M.
927b—Reams, T. B., Gen. For.
930—Rear, G. W., Eng. Bdgs.
306a—Rearden, F. L., Asst. Treas.
1663—Rearden, J. D., Traf. Mgr.
274—Reardon, F. C., Supt. Stores.
696—Reardon, J. M., Trk. Supvr.
322—Reasor, C. K., Asst. to Mgr. Strs.
705—Reath, T. W., Gen. Coun.
1027—Reaves, J. L., V.-Pres. & Gen. Mgr.
180—Rech, W. F., Bridge Eng.
740—Record, T. J., Treas.
177—Rector, J. M., Sec., Asst. Treas. & Aud.
275—Redcay, E. T., For. Paint.
828a—Reddell, M. R., Treas. & G. F. & P. A.
847—Redder, C. A., Asst. G. F. A.
436—Reddersen, A. W., Supt. Equip.
239—Reddick, F. J., Rd. Mast.
207—Reddig, H. F., Asst. to Gen. Mgr.
771—Redding, D. J., Supt. M. P.
751b—Redding, J. H., Div. Supt.
771—Redding, R. D., Gen. For. Loco. Dept.
981—Reddish, L. C., Asst. to Gen. Mgr.
628a—Reddy, E. B., Rd. Mast.
930—Reddy, J., Rd. Mast.
274—Reddy, J. H., Asst. to Aud.
616—Redel, E. S., Asst. Sec.
195—Redfern, J. N., Mgr. Rel., Med. & Emp. Dept.
683—Redfield, H. H., V.-Pres.
186—Redfield, J. A. S., Asst. Eng. Maint.
930—Redick, B. W., Rd. Mast.
693a—Redifer, C. J., Supvr. Trk.
204—Redlich, H., Rd. Mast.
1326, 1404—Redlick, C. G., Traf. Mgr.
696—Redman, J. E., Asst. G. F. A.
186—Redman, W. F., Trav. Str. Kpr.
329b—Redman, W. J., Ch. Police.
629—Redmond, C. E., Supvr. B. & B
395—Redmond, F. A., Mgr. Fuel Oil Dept.
137e—Redmond, J. W., Gen. Coun.
240—Redwood, H. R., Frt. Clm. Agt.
472, 962—Reece, A. N., Ch. Eng., Consult. Eng.
1020c—Reed, C., Rd. For. Eng.
773—Reed, C. B., Gen. Str. Kpr.
705—Reed, D. W., Aud.
693b, 693c—Reed, E. G., Agri. Agt.
1039a—Reed, E. O., Aud.
616—Reed, E. R., Supvr. B. & B.
1894a—Reed, E. W., Valua. Solr.
847—Reed, F., Rd. For. Equip.
207—Reed, F. D., V.-Pres. & Gen. Pur. Agt.
751a—Reed, F. M., M. P. Insp.
716—Reed, F. W., Ch. Elec.
1576—Reed, G. W., Traf. Mgr.
1800b—Reed, H. H., Supvr. Dockets.
207—Reed, H. L., Gen. Supt.
693b Reed, J., Dist. M. C. B.
847 Reed, Jr., J. A., Div. Eng.
150—Reed, J. A., V.-Pres. & Gen. Atty.
82, 325b, 1003, 1079a—Reed, J. H., Pres., V.-Pres.
176—Reed, L. P., Gen. For.
751c—Reed, M. R., M. M.
228—Reed, P. J., Supvr. Trk.
416—Reed, P. L., Treas.
186—Reed, R., For. Car Dept.
1001a—Reed, R. S., Rd. Mast.
931a—Reed, S. G., Asst. Traf. Mgr.
96—Reed, W. T., Rd. For. Eng.
342—Reeder, A. H., Aud.
139b—Reeder, J. H., Asst. Dist. Eng.
549—Reeder, W. W., Supvr.
204a—Reedy, A., Rd. Mast.
1598—Reemer, F. O., Ch. Pur. Off.
186—Rees, D. L., Rd. For. Eng.
1497—Rees, G. C., Traf. Mgr.
58b—Rees, H., Gen. For.
619—Rees, J. H., Asst. G. F. A.
40—Rees, O. T., Ch. Chemist.
692x—Rees, R. W., Horti. Agt., Agri. Rel.
275—Reese, D. R., Gen. Atty.
275—Reese, E. E., Str. Kpr.
751b—Reese, O. P., Supt. M. P.
1623b—Reese, F. W., Traf. Mgr.

365—Reese, W. B., Gen. For. M.P.
964—Reese, Z. J., G. B. A.
616—Reetz, A. H., Supvr.
808—Reeve, J. H., Asst. Aud.
46a, 573—Reeves, G., Traf. Mgr.
549—Reeves, G. B., Aud.
189—Reeves, J. F., Treas.
137c-Reeves, N. S., Car For.
751c-Reeves, P., Supvr.
58b-Reeves, P. H., Gen. For. Loco. Dept.
428—Reeves, W. L., Asst. G.F.A.
563—Reeves, W. P., Asst. Compt.
1001c-Regal, J. H., G. B. A.
696—Regan, E. E., Gen. Supt.
716—Regan, F. J., Fuel Supvr.
666—Regan, G.F., Asst. to V.-Pres. & Traf. Mgr.
204a-Regan, J., Asst. Sig. Supvr.
180—Regar, W. S., Div. Str. Kpr.
748—Rego, H. J., M. M.
804a-Rehder, J. H., M. M.
751c-Rehmert, D. L., Mast. Carp.
1288—Reiber, A. G., Traf. Mgr.
523—Reichard, H. W., Rd. For. Eng.
204a-Reichert, C., Gen. For. Frt. Dept.
157—Reichert, J., Div. Supt.
1021—Reid, A., Asst. Div. M. M.
886—Reid, A. E., Div. Str. Kpr.
137b-Reid, A. J., Reg. Coun.
716, 933a, 1024a—Reid, G. T., V.-Pres. & West. Coun., V.-Pres.. Pres.
105, 440, 1067a—Reid, H., Pres.
137c-Reid, H. G., Asst. Gen. Supt. M. P.
696—Reid, J. C., Supt. Shops.
150, 956—Reid, J. S., Asst. Traf. Mgr.
198, 1910b—Reid, J. T., Supt., Pres.
47, 719, 1068—Reid, J. T., Treas.
635—Reid, N. F., Asst. Aud.
757—Reid, R. A., M. M.
927b-Reid, R. C., Supt.
600—Reid, S. T., Rd. For. Eng.
930—Reid, W. G., M. M.
777—Reid, W. H., Pres.
996—Reidenbach, R. T., G.F.&P.A
40b-Reidy, J. R., Div. Str. Kpr.
1801a-Reif, L. G., Rate Expert.
922b-Reigel, F. S., G. F. A.
393—Reighard, C. W., Sec.
275—Reilly, A., Asst. Sig. Eng.
428—Reilly, D. M., Gen. For. Loco. Dept.
523—Reilly, H. F., Supvr.
523—Reilly, J. F., Supvr.
696—Reilly, J. T., Trk. Supvr.
322—Reilly, P. J., Aud.
523—Reilly, P. T., Div. Supt.
349—Reilly, T. F., Rd. Mast.
58—Reimann, R., Asst. Eng.
1436b, 1437-Reimer, A. C., Gen. Traf. Mgr.
368, 685—Reimers, F. W., Gen. Mgr
685—Reimers, M. A., Treas.
322—Reinbrecht, G. H., Gen. Coal Frt. Agt.
204a-Reinehr, J., Dist. Str. Kpr.
705—Reinhard, C. A., Gen. For.
40c-Reinhardt, A. M., G. F. A.
629—Reinhardt, H. W., Div. M. M.
439a-Reinhardt, P. C., Asst. Treas
693—Reinhold, E. V. C., Asst. Pur. Agt.
705—Reinicker, H. T., Asst. Div. Supt.
693b-Reinsagen, H. B., Prin. Asst. Eng.
931a-Reiss, G., Rd. Mast.
195—Reisse, J. H., Mech. Asst. to V.-Pres.
927a-Reiter, W. W. Supvr. B. & B.
809—Reiszner, O. F., Ch. Eng.
1047—Reith, G., Gen. Mgr.
439a-Reixinger, H. E., Eng. of Way.
933a-Relf, H. K., Gen. Clm. Agt.
621, 716, 933a—Relf, R. H., Sec., Asst. Sec.
58a-Remaley, F. H., Str. Kpr.
808—Rememter, J.-W., Asst. Supvr.
751—Remensnyder, E. J., Asst. to Pur. Agt.
964—Remington, H. C., Car Acct.
195—Remley, W. B., Agri. Agt.
137c-Remstad, A., Rd. Mast.
693c-Renfrew, R. I., Str. Kpr.
139h-Renix, W. J., M. M.
47—Renneker, W. E., Asst. G.F.A
570—Rennell, H., Gen. Shop For.
761—Rennison, W. G., M. M.
670—Renoz, C. G., Asst. Gen. Pur. Agt.
136—Rensford, J. B., Asst. Gen. Mgr.
136—Rensford, W. V., Gen. Mgr.
808—Rentschler, H. W., Supvr. Sig.
629—Rentschler, J., Supvr. Water Serv.
931a-Rentzel, W. F., Trav. Eng.
751c-Renz. W. F., Supvr.
1050—Replogle, J. L., Pres.
821a-Resch, E. G., Pres.
621—Ressler, C. E., Pur. Agt.
437c-Resum, O. K., Treas.
229—Retterer, R. W., Mech. Eng.
207—Reville, E. H., Div. Str. Kpr.
847—Revis, G. W., For. Water Serv.
137g-Rewald, J. H., Asst. Rd. For. Eng.
847—Rex, C. B., Asst. Aud.
927b-Rex, C. D., Ch. Sig. & Elec. Insp.
693b-Rex, D., Supvr. Trk.
751b-Rex, F. R., Supvr.
1001a-Rex, J. F., Div. Str. Kpr.
670—Reyna, L., Div. Eng.
115—Reynard, G. D., Supt.
697—Reynolds, A. C., Supt. Car Serv.
886—Reynolds, A. J., Mast. Carp.
1031b-Reynolds, A. L., Recr.
40c-Reynolds, C. C., Rd. For. Eng.
1020c-Reynolds, C. E., Car Acct.
639a-Reynolds, C. O., Sec. & Treas
1703—Reynolds, E., V.-Pres. & Gen. Mgr.
395a-Reynolds, E. A., Aud.
757—Reynolds, E. T., Asst. G. F. A.
229—Reynolds, F. N., Asst. Gen. Supt.
58b-Reynolds, F. W., Str. Kpr.
313—Reynolds, H. D., Sec., Treas. & Mgr.
141—Reynolds, H. J., M. M.
696—Reynolds, H. J., Asst. Supt.
280—Reynolds, J. A., Gen. For.
133a-Reynolds, J. A. E., Ch. Eng
988—Reynolds, J. W., 1 V.-Pres.
1874—Reynolds, P. P., Treas.
24—Reynolds, R. H., Supt. Marine.
58b-Reynolds, W., Supvr. Rds.
549—Reynolds, W. P., Asst. Sig. Supvr.
452—Reynolds, W. R., Sec.
670—Reyrs, Z. R., Div. Eng.
198—Rhea, E. E., Rd. For. Eng.
1603—Rhett. S. H., Traf. Mgr.
428—Rhett, W. M., Gen. For. Agt.
563—Rhoades, M. F., Gen. For. Car Rep.
440a-Rhoads, B. E., Valua. Eng.
751b-Rhoads, G. A., M. M.
428—Rhoads, H., Rd. Mast.
186—Rhoads, J. A., Ch. Fire Insp.
751b-Rhoads, J. J., Div. Supt.
808—Rhoads, O. H., Supvr.
157—Rhoads, W. D., Supvr.
757—Rhodes, A. C., Asst. Gen. Aud
1889a-Rhodes, C., 1 V.-Pres.
306e-Rhodes, C. J., Supt., Aud. & G. F. & P. A.
517—Rhodes, H. H., Sec. & Gen. Mgr.
7a-Rhodes, H. J., Eng. Maint.
207—Rhodes, J. C., Rd. For. Equip.
629—Rhodes. W. R., Asst. Eng.
1021—Rhuark, F. W., Div. M. M.
549—Rhudy, W. H., Sig. Supvr.
180—Rhymer, M. J., Sig. Insp.
180—Rhymer, S. U., Sig. Eng. & Supt. Tel,
137b-Rhynd. J. D., Loco. For.
428—Rhynders, F. L., Div. Str. Kpr
1—Rhyne, J. L., Aud. & Frt. Clm. Agt.
204b-Rhynsburger, D. C., Asst. Eng.
1703—Ribble, G. W., Gen. Supt.
972—Ribenack, W. C., Pres.
204b-Ricclus, H. E., Div. M. M.
274—Rice, A. H., Supt. Tel. & Sig Eng.
639—Rice, D. F., Supt.
523—Rice, D. S., Supvr. Sig.
619—Rice, E. F., Asst. G. F. A.
176—Rice, E. G., Dist. Eng.
204a-Rice, F. E., Asst. Eng.
886—Rice, G. B., Asst. to V.-Pres.
428—Rice, G. W., Div. Str. Kpr.
751c-Rice, H., Supvr.
137g-Rice, H. E., Rd. For. Eng.
204a-Rice, H. E., Div. Str. Kpr.
234—Rice, J. L., Gen, Atty.
186—Rice, J. S., Div. Supt.
428—Rice, J. S., Trav. Eng.
137g-Rice, J. T., Str. Kpr.
696—Rice, N. M., V.-Pres.
751c-Rice, O. E., Supvr. Tel. & Sig.
234, 278a-Rice, R., V.-Pres. & Gen. Mgr., Pres.
997—Rice, R. H., Asst. Eng.
808—Rice, R. M., M. P. Insp.
26b-Rice, S. D., Traf. Mgr.
705a-Rice, W. J., Str. Kpr.
808—Rice, W. L., Supt. Shops.

751a-Rice, W.P., For. Car Shops.
1840a—Rich, D. O., Acct.
1001a-Rich, E., Asst. Gen. Solr.
946a-Rich, E. J., Gen. Coun.
207—Rich, F.H., Asst. Sig. Supvr.
395a-Rich, J. C., Gen. Solr.
1031b-Rich, J. W., Gen. Supt. & Pur. Agt.
751a-Rich, S. W., For. Mach. Shops.
1703—Richards, A. B., Gen. Supt.
274—Richards, B. H., Gen. Sig. Insp.
207—Richards, C. A., Div. Eng.
520—Richards, C.F., Ch. Car Insp.
705—Richards, D. W., Sig. Eng.
600—Richards, E. C., Asst. to Supt. R. S.
258—Richards, Jr., G. M., Sec., Treas. & Asst. Gen. Mgr.
204a-Richards, G.T., Dist. Str. Kpr
40c-Richards, H. W., Rd. For. Eng.
716—Richards, I. B., Asst. Gen. Supt. Trans.
97—Richards, J., Asst. Trk. Supvr
666—Richards, J. A., Frt. Clm. Agt
538—Richards, J. E., Mgr. & Treas
1081—Richards, J. F., Supt. O. H.
1837—Richards, J. G., Comr.
931a-Richards, J. S., Insp Fire Prev.
164—Richards, J. T., Treas.
207—Richards, L. D., M. M.
1040—Richards, N. A., Rd. Mast.
1076e-Richards, N. C., Pres. & Gen. Mgr.
600, 984—Richards, R.R., Asst. Gen. Aud., Asst. Aud.
1001—Richards, T. C., Asst. Treas.
716—Richards, W., Asst. Gen. Aud.
1001a-Richards, W. L., Asst. to Gen. Mgr.
879a-Richards, W. T., Ch. Eng.
1814—Richardson, B. M., Comr.
82—Richardson, C. C., Asst. to Supt. M. P.
1067a-Richardson, C. F., Supt.
207—Richardson, C. P., Eng. Trk. Elev.
292—Richardson, D. W., V.-Pres. & Gen. Mgr.
751a-Richardson, E., Boat Mast.
82—Richardson, E. F., Asst. to Eng. M. P.
847—Richardson, F., For. W. S.
989—Richardson, F. A., Supt.
693b-Richardson, F. J., Asst. Supvr. Sig.
946—Richardson, F. L., V.-Pres.
563—Richardson, F. W., For.
619—Richardson, H.G., Clms. Atty
629—Richardson, H. H., Eng. Water Serv.
668—Richardson, H. J., V.-Pres.
137b-Richardson, J. J., Div. Eng
139a-Richardson, J. S., Rd. Mast.
930—Richardson, L., Asst. G.P. A
207—Richardson, L. A., Gen. Supt. M. P.
647, 840—Richardson, M. J., Car Acct.
292—Richardson, N.S., Traf. Mgr.
514a-Richardson, O.W., Gen. Mgr.
204b-Richardson, P., Rd. Mast.
286—Richardson, P., Asst. Sec., Asst. Treas. & Pur. Agt.
1849—Richardson, R., Asst. Sec. & Registrar.
737d-Richardson, R. B., M. M.
539—Richardson, R. G., Asst. to V.-Pres.
1005—Richardson, R. H., Supt.
137c-Richardson, R. S., Supt.
186—Richardson, R. W., Div. Eng.
97—Richardson, T., Sig. Supvr.
142—Richardson, T., Sec. & G. F. & P. A.
18, 530—Richardson, W. A., Ch. Eng.
58a-Richardson, W.F., Frt. Traf. Mgr.
1288a-Richardson, W. O., Traf. Mgr.
751—Richardson, W. W., G.P.A.
726d-Richart, E. J., Treas.
751a-Richers, G. J., M. M.
229—Richeson, J. L., Div. Str. Kpr.
751b-Richey, C. W., Div. Eng.
436—Richhart, W. S., Elec. Eng.
322—Richie, C. A., Div. Str. Kpr.
428—Richmond, C. G., Supt. Sta. & Transf.
137g-Richmond, R. E., Rd. Mast.
693a-Richter, E., Supvr. Elec. Transmission.
195a-Richter, O. B., Rd. Mast.
699—Richimyer, F.H., G.F.&P.A.
697—Rickard, R. D., V.-Pres., Sec. & Treas.
563—Ricker, E.T., Asst. Rd. Mast.
39a-Ricker, H.F., Treas. & Asst. Sec.
97—Ricker, N. H., Aud.
1031—Ricker, R. F., Aud.
58a-Ricker, R.R., Asst. Str. Kpr.
55—Ricker, S., Pur. Agt.
378a-Rickerd, B., Rd. Mast.
466—Rickert, C. G., Traf. Mgr.
692x-Ricketson, W. E., Equip. Value. Eng.
990a-Ricketts, L. D., Pres.
927a-Rickmond, J. H., Term. Supt.
222—Ricks, W. E., Treas. & Pur. Agt.
703—Riday, W. C., Sec. & Aud.
1903—Riddell, C. P., Gen. Sec. & Treas.
139—Riddell, T. A., Asst. Frt. Clm. Agt.
137b-Riddell, W. W., Loco. For.
886—Riddle, G. B., Asst. Rd. For. Eng.
886—Riddle, H. E., Rd. Hse. For.
751c-Riddle, H. J., Rd. For. Eng.
523—Riddle, S., Supvr. Sig.
1468a-Riddle, W. F., Traf. Mgr.
137b-Riddoch, J., B. & B. Mast.
477a-Ridenour, L., Aud.
628b-Rider, A. C., Rd. For. Eng.
627a-Rider, A. D., Treas.
58—Rider, O. J., Gen. Acct.
82—Ridge, R., Field Eng.
549—Ridgely, J. A., G. F. A.
751b-Ridgely, J. T., Supvr.
549—Ridgley, J. K., G. P. A.
279—Ridgway, A. O., Ch. Eng.
195b, 234—Ridgway, H. W., Asst. to Supt. M.P., Supt. M. P.
716—Ridley, W. J., Rd. For. of Eng.
600—Riebling, C. A., G. B. A.
847—Rieck, F. W., Div. Rd. Mast.
97—Rieckman, W. H., Asst. M. M
979b-Riedel, D., Supt. M. P.
428—Riedemann, F. E., Gen. For. Loco. Dept.
693b-Riefel, F. F., Div. Supt.
1025—Riegel, B. D., Pres. & Gen. Mgr
1456a-Riegel, J. C., Traf. Mgr.
975—Riegel, S. S., Mech. Eng.
1678a-Riegler, H. G., Traf. Mgr.
989a-Rieley, V. R., Gen. Supt.
139b-Riepert, O. G., Dist. Elec. Eng.
354b-Ries, H. A., V.-Pres. & Gen. Mgr.
40b-Rife, W. H., Sig. Eng.
381b, 770—Riffel, J. K., V.-Pres., Recr.
240—Rigby, J. H., Supt.
137b-Rigby, R., Supt. Bldg.
207—Rigg, E., Asst. G. F. A.
58b-Riggans, J. W., Supvr. Rd.
886—Riggin, L. N., Asst. Eng.
751c-Riggs, J. R., M. M.
1021—Righter, E. Q., Fuel Supvr.
322a-Righter, G. E., Asst. Div. Eng.
322a-Righter, H. M., Div. Eng.
1552—Rightson, J. M., Mgr. Traf. Dept.
697—Riley, A., Asst. Pur. Agt.
726e-Riley, A. R., Ch. Surg.
751c-Riley, C. E., Supvr.
382—Riley, E., Loco. For.
1701—Riley, E. D., Supt.
180—Riley, F. C., Gen. Str. Kpr.
58—Riley, F. L., Asst. Eng. Bldg.
510—Riley, G. N., Supt. Mchy.
268—Riley, J. D., Aud.
209—Riley, J. L., M. M.
1850k-Riley, J. W., Dist. Mgr.
396a-Riley, M. F., Pres.
58a-Riley, O. W., Asst. Str. Kpr.
1039—Riley, S. B., Supt. M. P.
382—Riley, T., Div. Rd. Mast.
627a-Riley, T., V.-Pres. & Gen. Mgr.
1598—Riley, W., Aud.
207—Rilley, H. E., Asst. G. F. A.
97—Rimmer, J. W., Asst. to V.-Pres.
139e-Rimstad, S., Rd. Mast.
275, 1887—Rine, E. M., V.-Pres. & Gen. Mgr., Chman.
204b-Ring, W. E., Div. Eng.
693b-Ring, W. F., Str. Kpr.
563—Ringberg, E. G., Mech. Eng.
628a, 628b-Ringer, F., Ch. Eng.
625—Ringgold, S. B., Ch. Eng.
428—Ringland, R. O., Sig. Supvr.
964—Ringler, D. L., Asst. M. M.
726b, 845, 1057—Ringling, J., Pres.
1057—Ringling, R., V.-Pres.
139—Rink, G. W., Asst. Supt. M. P.
389—Rinker A. C., Supt. Shops.
693a-Rinker, E. C., Sig. Supvr.
930—Rintoul, D. T., Gen. Brdg. Insp.
931a-Riordan, M., Div. Car For.
151—Riordan, M. J., Sec.

151—Riordan, T. A., Pres.
139g-Riordan, T., Rd. Mast.
861—Riordan, W. J., Supt. C. S.
207—Rioth, C. E., Div. Str. Kpr.
139c-Ripley, B., Dist. Eng.
473—Ripley, C. C., Asst. Treas.
40—Ripley, C.T., Ch. Mech. Eng.
696—Ripley, H. L., Corp. & Valua Eng.
126, 1242—Ripley, P. M., Pres., Traf. Mgr.
473—Ripley, R. O., Aud.
204b-Ripperger, E. J., Gen. Car For.
395—Rippenhagen, B., Rd. Mast.
176—Rippetoe, W. F., Supvr. B. & B
696—Rippey, J. L., B. & B. Supvr
137a—Rippey, W. N., Supt.
757—Rischman, L. P., Car For.
930—Riseden, W., Asst. Div. Eng.
428—Riseley, H. M., Asst. Treas.
1833a—Riseling, F., Sec.
1061—Rishel, J. K., V.-Pres.
619—Rishmiller, J. H., Ch. Surg.
751a—Rising, A. J., For. Car Shops
693a—Risley, F. S., Div. Supt.
950—Risley, W. C., Supt. M. W.
629—Riss, A. F., Rd. Mast.
277d—Risser, R. E., V.-Pres.
757—Rist, C. J., Div. Eng.
666—Ritchey, H. G., Tr. Supvr.
198—Ritchey, T. L., Asst. G. F. A.
382—Ritchie, D. J., Loco. For.
994—Riter, E. R., Sec.
1598—Rittenhouse, J. A., Supt.
5b—Rittenhouse, W. E., Aud.
927b—Ritter, A., Asst. Arch.
179—Ritter, A. F., Aud. & G. F. & P. A.
915—Ritter, E. E., Gen. Mgr.
58b-Ritter, E. H., Dist. Boiler Insp.
91—Ritter, G. A., Sec. & Aud.
696—Ritter, O. H., Div. M. M.
85—Ritter, W. M., Pres.
626, 627b—Rittmaster, M., Asst. Aud.
670—Rivera, C., Div. Str. Kpr.
670—Rivera, J., Div. Supt. Exp.
204b-Rivers, D. B., Dist. Str. Kpr.
610—Rivers, E. D., Pres. & Gen. Coun.
204b-Rivers, H. B., Ch. Carp.
137c-Rivers, W. E., Div. Eng.
705—Rives, C. W., Supvr. Sig.
273—Rives, H. W., Car Acct.
705—Rivinus, F. M., Gen. Solr.
927—Rixey, C. J., Comm. Coun.
195b-Rizor, W. A., For. Water Serv.
670—Roa, F. G., Gen. Coun.
786—Roach, J. F., Asst. Supt.
692x, 693—Roach, J. H., Ch. Valua. Eng.
349—Roach, J. L., M. M.
137b—Roach, W. H., M. M.
39—Roane, V. A., G. F. & P. A.
699b, 700—Robb, A. D., V.-Pres., Asst. to Pres.
539—Robb, E. H., Asst. Eng. M. P.
1390—Robb, J. W., Gen. Mgr.
137c-Robb, M. K., Loco. For.
137—Robb, W. D., V.-Pres.
279—Robbins, B. W., G. F. A.
275—Robbins, F. E., Sig. Supvr.
322c-Robbins, F. G., V.-Pres.
310—Robbins, J., Mech. & Elec. Supt.
523—Robbins, J. W., Asst. Sec. & Asst. Treas.
600—Robbins, L. J., Asst. Supt. Term.
695a-Robbins, M. Rd. For. Eng.
828a-Robbins, V. C., Ch. Eng.
222—Robbins, W. M., Gen. For. Mech. Dept.
157—Robert, F. H., Asst. Eng.
629—Roberts, A. C., Supvr. B. & B
927—Roberts, A. D., Div. Str. Kpr.
886—Roberts, B. G., Asst. Supt. Tel
139—Roberts, B. W., Asst. Gen. Pur. Agt.
1001c-Roberts, C. F., Asst. Supt.
428—Roberts, C. S., Div. Str. Kpr
58a-Roberts, C. S., G. F. A.
956b-Roberts, D. B., Ch. Eng.
549—Roberts, D. H., Asst. Sig. Supvr.
751b-Roberts, E. A., Mast. Carp.
207—Roberts, E. G., Div. Str. Kpr.
1830—Roberts, F. E., Sec.
258—Roberts, F. F., Supt.
619—Roberts, F. M., M. M.
1001c-Roberts, H. A., Eng. M. W.
1057a-Roberts, H. N., Traf. Mgr.
137—Roberts, J., Gen. Supvr. Shop Methods.
58a-Roberts, J. A., Supvr. Rd.
929—Roberts, J. D., Ch. Eng.
847—Roberts, J. E., Gen. For. Car Dept.
274—Roberts, J. E., Supt. Trans.
1276—Roberts, J. L., Traf. Mgr.
751a-Roberts, J. W., Gen. Supt. Trans.
195a-Roberts, M. M., Rd. For. Loco
927a-Roberts, M. T., Trk. Supvr.
1809—Roberts, O., Comr.
757—Roberts, W., Rd. For. Eng.
137a-Roberts, W. C., Aud.
629—Roberts, W. H., Rd. Mast.
195a-Robertson, C. W., Div. M. M.
137c-Robertson, D., Asst. Gen. Str. Kpr.
200—Robertson, D. D., M. M.
693a-Robertson, D. L., Supvr. Trk.
619—Robertson, E. J., Supt. Car Dept.
1020c-Robertson, E. L., Str. Kpr.
58b-Robertson, E. M., Elec. Supvr
1430—Robertson, F. E., Traf. Mgr.
137a-Robertson, F. W., G. P. A.
176—Robertson, G. W., M. M.
540—Robertson, H. B., Aud.
716—Robertson, H. M., M. C. B.
891—Robertson, Jr., H. M., Aud.
978—Robertson, H. S., V.-Pres. & Gen. Mgr.
298—Robertson, J., Asst. G. F. & P. A.
139b-Robertson, J., Div. Eng.
696—Robertson, J. A., Asst. Eng
991—Robertson, J. E., Pres.
1021—Robertson, J. N., Asst. Div. M. M.
959—Robertson, J. T., Gen. Mgr.
1001d-Robertson, R. B., Asst. Traf. Mgr.
137b-Robertson, S., Car For.
428—Robertson, T. A., Supvr.
41—Robertson, W. A., For. Car Rep.
182—Robertson, W. M., Trav. Str. Kpr.
58a-Robey, T. H., Asst. Rd. For. Eng.
279—Robichaud, E., Rd. Mast.
1700—Robie, C. W., V.-Pres.
798—Robins, G. M., M. M.
1038—Robinson, A. C., Pres.
40—Robinson, A. F., Brdg. Eng.
878—Robinson, A. H., Traf. Mgr. & Aud.
994—Robinson, A. L., V.-Pres.
1021—Robinson, A. L., Asst. to Gen. Mgr.
49—Robinson, B., Supt.
342—Robinson, B. F., Asst. Eng.
1851—Robinson, B. M., Pres.
880—Robinson, C. A., Recr.
395—Robinson, C. C., Rd. Mast.
1021—Robinson, C. E., Asst. Engr.
563—Robinson, C. S., Eng. M. W.
629—Robinson, D. H., Asst. Supt.
382—Robinson, E., Dist. Rd. Mast
627c-Robinson, E. C., Rd. Mast.
123—Robinson, E. F., Ch. Eng.
137c-Robinson, E. W., Div. Eng.
628a-Robinson, F. E., Sta.
157—Robinson, F. J., G. P. A.
1851—Robinson, F. P., Asst. to Pres
1001—Robinson, F. W., Frt. Traf. Mgr.
751a-Robinson, G., For. Boiler Shops.
137c-Robinson, G., Loco. For.
392—Robinson, G. L., V.-Pres., Aud. & Supt.
697—Robinson, G. L., G. P. A.
787—Robinson, H. H., Rd. Mast.
629—Robinson, H. O., Sig. Supvr.
382—Robinson, J., Asst. G. F. A.
757—Robinson, J., Supvr. B. & B.
927—Robinson, J. A., Aud.
707—Robinson, J. F., Pres.
972—Robinson, J. M., Aud.
47—Robinson, J. Q., Str. Kpr.
186—Robinson, J. S., Div. Eng.
428—Robinson, L., Shop Eng.
186—Robinson, L. A., Compt.
137a-Robinson, L. H., Div. Eng.
58a-Robinson, L. L., Gen. For. Loco. Dept.
811, 836—Robinson, Jr., L. W., Asst. to Pres., Pres.
811—Robinson, L. W., Pres.
930—Robinson, P. T., Div. Eng.
1001a-Robinson, R. B., Eng. M. W.
1665a-Robinson, R. B., Gen. Traf. Mgr.
137c-Robinson, R. C., Div. Eng.
176—Robinson, R. E., Rd. For. Eng
47—Robinson, R. E. L., Rd. Mast
936—Robinson, R. H. M., Pres.
774a-Robinson, R. L., Pur. Agt. & Str. Kpr.
665a-Robinson, R. R., Treas.
1001a-Robinson, R. W., Rd. For. Eng.
47—Robinson, S. A., Rd. Mast.
927b-Robinson, S. P., Asst. Eng. Maint.
862—Robinson, Jr., W., Sec. & Treas.

137a–Robinson, W. E., Asst. Supt.
716—Robinson, W. H., Div. Str. Kpr.
58—Robinson, W. L., Supt. Fuel & Loco. Perfor.
52—Robinson, W. M., Pres. & Gen. Mgr.
428—Robinson, W. P., For. Paint.
969—Robinson, W. P., V.-Pres.
632—Robison, E. L., Gen. L.S. & Ind. Agt.
1001c–Robison, G. H., Pur. Agt.
24a–Robison, J. A., Sec. & Aud.
693—Robison, L. A., Pass. Traf. Mgr.
207—Roblin, F., Supvr. Elec. Instal.
137c–Roblin, H. L., Rd. Mast.
137c–Roblin, L. G., Supt. M. P. & Car Equip.
159—Robrecht, E. J., Brdg. Insp.
600—Robson, F. E., Gen. Coun.
716—Robson, S. H., Asst. Gen. Str. Kpr.
886—Roby, T. W., Eng. Valua. Comm.
670—Rocas, E., Div. Str. Kpr.
962—Rochelle, W. C., Clm. Agt.
137c–Rochester, J. Y., Supt.
751a–Rochester, R. K., Div. Supt.
463—Rocke, Jr., W. B., Car Acct.
287—Rockelman, F. L., V.-Pres. & Gen. Mgr.
751a–Rockenbach, H. R., Supvr.
860, 860a—Rockenback, C. C., Ind. Comr.
502a–Rockhill, H. C., V.-Pres. Sec. & Gen. Mgr.
472—Rockwell, C. A., Trav. Eng.
137g–Rodden, W. G., Gen. Eng. Hse. For.
428—Roddie, E. C., M. M.
879a–Rodebaugh, L. H., Traf. Mgr.
693b–Rodebough, J. F., Gen. For. Eng. Hse.
342, 450—Rodenbaugh, H. N., V.-Pres.
41—Rodenberg, C. E., Asst. G. F. A
737f–Rodenhouse, H. E., Asst. Supt.
322a–Roderick, M. B., Supvr. Tools & Mach.
1051—Roderick, W. A., Eng M. W. & S.
927b–Rodes, T. M., Supt.
1021—Rodger, G. A., Asst. Sig. Eng.
804—Rodger, W. S., Gen. Traf. Mgr.
269—Rodgers, C. B., Gen. Mgr.
275—Rodgers, C. J., Str. Kpr.
693a–Rodgers, D. C., Rd. For. Eng.
432—Rodgers, H. V., Gen. Str. Kpr.
705—Rodgers, J. M., Gen. Aud.
705—Rodgers, M. R., For.
1696a–Rodgers, R. J., Traf. Mgr.
696—Rodman, G. A., Gen. Supvr. B. & B.
1836—Rodman, R. F., Comr.
493, 705a–Rodman, W. B., Gen. Solr., Gen. Coun.
670—Rodriguez, A., Rd. Mast.
670—Rodriguez, B., M. M.
670—Rodriguez, O., Div. Eng.
670—Rodriguez, R., M. M.
670—Rodriguez, S. E., M. M.
1028—Rodwell, C. R., Sec., Treas. & Aud.
886—Rodwell, K. W., Asst. Supt. Trans.
886—Rodwell, W. E., Asst. to Supt. Trans.
1380—Roe, H. W., Traf. Mgr.
279—Roe, J. F., Ch. Surg.
137c–Roe, W. E., Rd. Mast.
619, 1930—Roedell, O. A., G. B. A., Sec.
140a–Roeder, C. B., G. F. & P. A.
355b–Roehl, A. B., V.-Pres.
137g–Roehl, G., Supvr. Trk.
930—Roehr. F., Mast. Car Rep.
40b, 234—Roesch, A., Div. M. M., M. M.
523—Roesch, D. G., Asst. to V.-Pres.
1891—Roesch, F. P., Sec.
1015—Roffiell, A. R., M. M.
420—Rogan, C. J., Pres. & Traf. Mgr.
428—Rogan, J. E., Rd. Mast.
692x–Rogers, A., Gen. Agt. Agri. Rel.
182—Rogers, A. W., Gen. For.
472—Rogers, B. A., Asst. G. F. A.
616—Rogers, C. B., M. M.
1054—Rogers, C. J., Pur. Agt.
137a–Rogers, C. S. G., Brdg. Eng.
696—Rogers, C. W., Supvr.
948—Rogers, E., Gen. Supt.
47—Rogers, E. C., Rd. Mast.
756—Rogers, E. I., Ch. Eng.
696—Rogers, F. A., Elec. Supvr.
305—Rogers, G. R., Car Acct.
1009c–Rogers, H., Sec., Treas. & Pur. Agt.
392—Rogers, H. B., Ch. Agrl. Agt.
931b–Rogers, H. C., V.-Pres.
1009c–Rogers, H. H., Pres. & Gen. Atty.
1020c–Rogers, H. H., V.-Pres.
395a–Rogers, J. B., Dist. For.
716—Rogers, R. E., Rd. For. Eng.
739—Rogers, R. R., Gen. Coun.
58b–Rogers, S. A., Rd. For. Eng.
314—Rogers, S. M., V.-Pres.
629, 1850a—Rogers, W., Tele. & Telo. Eng., 2 V.-Chman.
1028—Rogers, W. G., V.-Pres.
948—Rogers, W. H., Traf. Mgr. & Clm. Agt.
771—Rogers, W. R., Ch. Inter. Insp
428—Rogerson, R., Trav. Eng.
628b–Rohan, G. J., Sig. Supvr.
927b–Rohan, T. W., Rd. For. Eng.
180—Rohde, C. L., Asst. Sec. & Asst. Treas.
382—Rohde, J. N., Loco. For.
1021—Rohlman, J. G., Aud.
139f–Rohne. M. J., Rd. Mast.
176—Rohr, E. J., Supvr. Trk.
200—Rohrabaugh, B., Rd. Mast.
546—Rohrbach, P., Sec.
221—Rohrbaugh, W. W., Asst. Eng. M. W.
40c–Rohrer, J. A., Rd. Mast.
294, 297—Rohweder, A. V., Supvr. Safety.
195b–Rohwitz, C. J., G. P. A.
139e–Rois, A., Rd. Mast.
930—Roland, B., Rd. Mast.
186—Roland, J. A., Rd. Mast.
274—Rolfe, C. E., Asst. Gen. Traf. Mgr.
847—Rollen, J. A., Div. Rd. Mast.
413—Roller, W. L., Eng. M. W.
549—Rollings, E. O., Div. M. M.
47—Rollins, G. E., Asst. Supt.
204b–Rollins, M. F., Asst. Eng.
176—Roll, D. K., Gen. Sig. Insp.
677a–Rolls, T. J., G. F. A.
693a–Rombough, W., Rd. For. Eng
9—Romig, J. H., Surg.
751a–Romig, J. S., Asst. M. M.
665a–Romney, M. A., Treas. & Asst. Sec.
670—Romo, I., Div. Eng.
316—Romo, J. P., Ch. Eng.
670—Romo, L. P., Div. Str. Kpr.
86a, 807—Ronaghan, A. J., Sec.
521—Ronalds, H., Rd. For. Eng.
139c–Ronaldson, F., M. M.
204a–Ronning, J. P., Rd. Mast.
40a–Roof, F., Gen. For. B. & B.
198—Roof, W. R., Eng. Bdgs.
97—Rooks, J. R., Fuel Agt.
886—Rooks, W. A., Aud.
549—Rooksby, W. H., Asst. Supvr. B. & B.
1013—Rooney, J. W., Gen. Mgr.
137—Rooney, W. J., Dist. Plant. Supt.
195b–Roope, T., Supt. M. P.
693a–Roosa, J. D., Ch. Police
123—Roosevelt, W. E., V.-Pres.
860—Roost, J. A., Paint. For.
275—Root, E. E., M. M.
751c–Roper, A. F., Supvr.
42—Roper, A. H., Rd. For. Eng.
675a–Roper, F., Aud. & Frt. Clm. Agt.
382—Roper, S., Dist. Rd. Mast.
394a, 439—Roquemore, J. P., Mech. Asst.
673—Rosa, R., Asst. Sec. & Treas.
1005—Rosacker, H. C., Pur. Agt.
129, 624—Rosborough, T. W., Pres., V.-Pres.
472—Roscoe, H. L., Chemist.
695c–Rose, C. E., G. P. A.
428—Rose, D., Eur. Traf. Mgr.
646—Rose, D., Gen. Coun.
137c–Rose, F. S., Aud.
930a–Rose, L. M., Supt.
755a–Rose, L. S., Gen. Mgr.
930—Rose, N., Supvr. B. & B.
927—Rose, W. P., Aud.
137b–Rosebush, G., Rd. Mast.
860, 860a–Rosemond, N. S., Supvr. Fuel.
439—Rosenbalm, J. E., Gen. For. B. & B.
1632—Rosenbaum, W. E., Traf. Mgr
716—Rosencrans, S. B., Eng. Tr. Control.
580a–Rosenfeld, J., V.-Pres.
927b–Rosenstein, H. B., Gen. For.
931—Rosenzweig, D. W., Supvr.
137c, 137f—Rosevear, A. E., G. F. A.
137, 734a—Rosevear, J. M., Gen. Compt.
58a–Rosier. A. D., Asst. Str. Kpr.
94, 648a—Ross, A., Pres. & Gen. Mgr., Sec. & Gen. Mgr.
392—Ross, A., Div. Str. Kpr.
665a–Ross, A., Supt.
40a–Ross, A. W., Rd. Mast.

94—Ross, C., Coun.
145—Ross, C., Sec.
137b-Ross, D., Loco. For.
395—Ross, D., Supvr. Fuel.
286a—Ross, F. S., G. F. A.
961—Ross, G. B., Elec. Eng.
297—Ross, G. C., Traf. Mgr.
847—Ross, G. C., Sig. Supvr.
949a—Ross, G. H., V.-Pres.
693a—Ross, G.J., Supt. Frt. Trans.
695—Ross, G. S., Sec. & Asst. to Pres.
383—Ross, H. P., Traf. Mgr.
438—Ross, J. D., Traf. Mgr.
632—Ross, Jr., J. F., Asst. G.F.A.
600—Ross, J. J., Supt. Tel.
849d-Ross, J. U., Chman.
137b-Ross, N. E., Car For.
549—Ross, R.D., Asst. Supt. Term
137—Ross, R. W., Div. Eng.
825—Ross, S. M., Chman.
725b-Ross, S. P., Ch. Surg.
958a-Ross, T., M. M.
195b-Ross, T. V., Rd. Mast.
310—Ross, W. A., Sec.
76—Ross, W. A., Insp. Trans.
133a-Ross, W. D., Pres.
36a, 695, 695c, 981—Ross, W. L., Pres., V.-Pres.
137c-Ross, W. LeB., Treas.
45—Ross, W. M., Recr.
59—Ross, W. T., Car Acct.
39—Rossbottom, T. H., 3 V.-Pres.
86—Rosseau, T. A., Div. Str. Kpr
, 325b, 1003—Rossell, R. T., V.-Pres.
2c, 1935—Rosser, F. W., Supt. Trans., 1 V.-Pres.
05a-Rosser, H. S., Gen. For.
29d-Rossetter, F. S., Asst. Supt.
04b-Rossiter, D. E., Div. Supt.
,893, 837—Rossiter, E. L., Treas.
3—Rossiter, L. P., Div. Eng.
95a-Rossitter, J. J., Rd. For. Eng.
7—Rost, C. H., Gen. Str. Kpr.
59—Rost, E., Supvr.
6—Rost, P. L., For. Rnd. Hse.
50b-Rotchford, M. W., Mgr. Dept. Demur.
3b-Rote, R. O., Ch. Eng.
2—Roth, E. A., Asst. Eng. M. W
3a, 1683a-Roth, E.J., Gen. Mgr.
5—Roth, G. T., V.-Pres.
8—Roth, H. J., Supt.
4—Roth, J. A., Car Acct.
2—Roth, J.C., Gen. Supt. Trans.
1b-Rothe, F. H., Supvr.
8b-Rothgery, C. H., Str. Kpr.
6b-Rothmeyer, A. H., Rd. For. Eng.
7—Rothschild, J., Sec. & Treas
1—Rothstein, W. L., Aud.
7c-Rothwell, A.J., B.& B. Mast.
a, 695b—Rotroff, W., Gen. Rd. Mast.
9a-Roughton, A. S., Rate Clerk
7a-Rouleau, J., Car For.
2f-Roulston, T., Rd. Mast.
—Rounseville, D., Asst. Ch. Eng.
—Rounthwaite, C.H.E., Office Eng.
—Rourke, G. W., Div. Supt.
—Rourke, J., Gen. Supt.
97—Rourke, J. J., Ch. Rdway. Mach.
218a-Rourke, J. M., Rd. Mast.
815—Rouse, R. J., Pur. Agt.
137b-Rousseau, J. A., Loco. For.
176—Rousey, S. V., Supvr. Trk
751b-Roush, C. S., Asst. M. M.
40b-Roush, E.M., Gen. For. B.& B
705—Roush, H. H., Str. Kpr.
629—Roussan, J. W., Asst. Eng.
627b-Rous-in, T. A., M. M.
58a-Routenberg, H. W., Asst. Div. Eng.
641—Routh, H. R., Aud.
1039—Rouzer, E. R., Supt. Trans.
322c-Row, H. D., Div. Eng.
198—Rowe, A. K., Rd. For. Eng.
428—Rowe, B.J., Coal Traf. Mgr.
693b-Rowe, C. E., Supvr. Sig.
751b-Rowe, C. E., Asst. Eng.
275—Rowe, H. A., Clms. Atty.
931a-Rowe, L. W., Trav. Eng.
40a-Rowe, N., Rd. Mast.
137c-Rowe, O. J., Asst. Supt.
981—Rowell, C. H., Car Acct.
97—Rowell, F.B., Research Eng.
365—Rowell, L.J., Asst. Traf. Mgr
666—Rowen, F. W., Ch. Elec.
204a-Rowland, H. S., Trav. Eng.
923—Rowland, J. E., Asst. to Pres. & Frt. Clm. Agt.
274—Rowland, O. F., Asst. Eng.
198—Rowland, S. V., Div. Supt.
58b-Rowland, T., Supvr. Rd.
696—Rowland, W. H., Asst. Sec.
545—Rowland, W. P., Clm. Agt.
743—Rowlands, P. V., V.-Pres. & Gen. Mgr.
930—Rowlands, T. F., Div. Supt.
628a-Rowlette, J., M. C. P.
428—Rowley, B. F., Gen. For. Car Dept.
693c-Rowley, H. C., Gen. For.
751—Rowley, U. G., Asst. Aud.
866—Rowray, J. B., Gen. Mgr.
549—Roy, C. M., Asst. Supvr. B. & B.
513a-Roy, E. E., For. B. & B.
886—Roy, E. H., M. M.
428—Royal, R.R., Gen. For. Loco. Dept.
695—Royce, G. F., Sec.
139a-Royea, J., Rd. Mast.
705—Royer, R. J., Rd. Mast.
229—Roytek, F. J., Div. Str. Kpr.
58b-Rozzelle, C. E., Asst. Div. Eng.
930—Ruby, R. L., Supt. Trans.
695c-Ruby, W. C., Rd. Mast.
349—Ruch, H. B., Aud.
404—Rucker, B.J., V.-Pres., Sec. & Treas.
664—Rucker, N. O., Asst. Aud.
927—Rucker, W. D., Asst. Constr. Eng.
404—Rucker, W. J., Pres. & Supt.
751—Rudd, A. H., Ch. Sig. Eng.
47—Rudd, C. O., Str. Kpr.
773—Rudd, E. E., Asst. Treas. & Asst. Sec.
230—Rudd, H., M. M.
137c-Rudd, J., Car For.
139c-Rudder, L. S., Div. Eng.
549—Rudder, O. E., Supvr.
751c-Ruddick, M., Supvr.
930—Ruddiman, J., For. Paint.
305b-Ruding, H. C., Supt. Float Equip.
707—Rudkin, W. H., M. C. B.
1007—Rudon, D., Dir. Gen.
268, 828a—Rudowsky, A. P., V.-Pres. & Traf. Mgr., Pres.
631a-Rudy, W. T., M. M.
137—Ruel, G., V.-Pres.
751b-Rufenacht, J. A., Supvr.
696—Ruff, J. S., Div. Eng.
322—Ruffer, A. E., Trans. Mgr.
705—Ruffin, J. R., Frt. Traf. Mgr.
209—Ruge, A., Gen. For. B. & B.
207—Ruggles, F. C., Gen. For. Loco. Dept.
195a-Ruggles, H. E., Asst. Div. Supt.
549—Ruggles, H. P., Asst. Eng.
97—Ruggles, O. B., Sig. Supvr.
139f-Ruggles, T. D., Rd. Mast.
159—Ruhe, H. E., G. B. A.
628a-Ruhlender, H., Ch. of Bd.
207—Ruiter, A. R., M. M.
61a-Ruiz, C. W., Sec.
670—Ruiz, A. C., M. M.
670—Ruiz, G., Rd. Mast.
670—Ruiz, S. M., Div. Str. Kpr.
1020—Rulison, C. J., M. M.
180—Rumans, T., Sig. Supvr.
927a-Rumbold, R. T., Asst. Eng. Maint.
375—Rumel, O. P., G. F. A.
204b-Rummell, E. F., Gen. Supt.
804—Rumney, N., G. F. A. & Frt. Clm. Agt.
927—Rumpler, J. G., Aud.
563—Runey, F. J., Div. Supt.
428—Runge, H.F., Gen. For. Loco. Dept.
803—Runkle, D.F., For. Car Shops
1598—Runnells, J. S., Chman.
999—Runnette, W., Sec., Treas.
58b-Runyan, B.C., Supvr. of Rd.
198—Rupert, C. H., G. B. A.
137b-Rupert, H., Loco. For.
229—Rupp, A. C., Supvr. Trk.
1843—Rupp, W., Ch. Eng.
207—Ruppert, C. L., Div. Supt.
716—Rupple, H.C., Div. Rd. Mast.
209—Rusch, E. E., Asst. Aud.
1067a-Ruse, C. L., Rd. Mast.
47—Rush, E. B., Dist. Supt.
186, 209—Rush, H. W., Asst. Sec. & Asst. Treas.
137c-Rushby, E., Rd. Mast.
886—Rusher, E. H., Rnd. Hse. For.
1001b-Rushford, D., Rd. Mast.
724—Rusoree, R. G., Rd. Mast.
930—Russel, F. E., Mech. Eng.
693a-Russel, R. L., Asst. Sig. Supvr.
696—Russell, A. P., V.-Pres.
927b-Russell, C. A., Asst. Frt. Traf. Mgr.
324—Russell, C.C., Gen. Coun. & Asst. Sec. & Treas.
1040—Russell C.P., Asst. Gen. Aud
58b-Russell, E. B., Asst. to Gen. Mgr.
137c-Russell, F., Str. Kpr.
381d-Russell, H., Acct.
860a-Russell, H. G., Asst. Eng.
751a-Russell, H. H., Div. Supt.
677a-Russell, H. J., Gen. Mgr.

97—Russell, J. B., Supvr. Contracts.
654a—Russell, J. E., Gen. Mgr.
927b—Russell, J. P., Rd. For. Eng.
1537, 1553—Russell, M. F., Pres.
137g—Russell, R., Gen. Boil. Insp.
640—Russell, R., Gen. Mgr.
751a—Russell, R. N., For. Boil. Shops.
751a—Russell, R. P., Supt. Frt. Trans.
96—Russell, S., Div. M. M.
756, 980—Russell, S.M., V.-Pres., Recr.
137e—Russell, S. S., Gen. Clm. Agt.
549—Russell, W. A., Pass. Traf. Mgr.
428—Russell, W. E., Rd. Mast.
275—Russo, W., Str. Kpr.
964—Russom, J. F., Dist. Rd. For.
58—Russum, T. H., Supvr. Pass. Car Main.
629—Rust, G. A., Asst. Aud.
1031d—Rust, T. E., Ch. Eng.
97—Ruston, W. E., Str. Kpr.
993a—Ruth, W., Supvr. Trk.
1001a—Rutherford, A. B., Sta.
382—Rutherford, C., Dist. Rd. Mast.
328a—Rutherford, C. M., Rd. Mast.
137b—Rutherford, F. A., Supt. Trans.
182—Rutherford, F. H., Supt. Term.
198—Rutherford, W. O., Trk. Supv
520—Rutherford, M., Pres. & Gen. Mgr.
495a—Ruthert, W. H., Supt.
139f—Ruthven, W. H., Asst. Supt.
628b—Rutledge, F., Rd. For. Eng.
693b—Rutledge, F. L., Supvr. Auto. Train Control.
40b—Rutledge, R. A., Dist. Eng.
1001—Rutledge, T. R., Asst. to Ch. Eng.
176—Rutman, R. H., Str. Kpr.
139c—Rutter, F. M., Supt.
705a—Rux, J. T., Aud.
432a—Ruyle, T., M. M.
886—Ryan, C. B., Pass. Traf. Mgr
1615—Ryan, C. G., Mgr.
549—Ryan, Jr., C. H., Asst. G. F. A
139e—Ryan, D. H., Asst. Supt.
1595—Ryan, E., Traf. Mgr.
123—Ryan, E. F., Term. Supt.
428—Ryan, F. J., Sig. Supvr.
275—Ryan, H., Gen. For. Car Dept
428—Ryan, J., Trav. Eng.
182—Ryan, Jr., J., Supvr.
405—Ryan, J. A., V.-Pres. & Gen Mgr.
210, 273, 430, 737—Ryan, J. E., Aud.
1559a—Ryan, J. F., Traf. Mgr,
207—Ryan, J. J., Gen. For. Loco. Dept.
274—Ryan, J. J., Rd. Mast.
847—Ryan, J. L., Eng. Tests.
666—Ryan, J. M., Div. Eng.
782—Ryan, L. B., Pur. Agt.
1995—Ryan, L. C., Pres.
204a—Ryan, N. A., Div. Supt.
428—Ryan, P. H., Trav. Eng.
1598—Ryan, P. T., Dist. Supt.
616—Ryan, R. E., Supt.
176—Ryan, S., Supvr. Trk.
1021—Ryan, S. F., Supvr. B. & B.
958a—Ryan, S. H., Asst. Supt.
693b—Ryan, T., Supvr. Trk.
549—Ryan, T. F., Div. M. M.
1021—Ryan, T. H., Asst. Pur. Agt.
182—Ryan, T. J., Ch. Timb. Insp.
1816—Ryan, T. J., Rate Clerk.
58c, 935—Ryan, W., Trk. Supvr.
428—Ryan, W. B., Asst. G. F. A.
97—Ryder, E. A., R. E. Agt.
697—Ryder, H. S., Rd. For. Eng.
96—Ryer, F. A., Pur. Agt.
693a—Rykenboer, E., Supvr. B. & B.

S

329a—Sabbott, P., Asst. Div. Eng.
842a—Sack, L. R., Supt.
626, 627b, 838—Sackbauer, F. P., G. F. & P. A.
195b—Sadle, S. M., Rd. For.
195a—Sadler, W. T., Div. Supt.
137c—Sadusky, G. A., Loco. For.
670—Saenz, G. T., Div. Str. Kpr.
670—Saenz, T. A., Aud.
221—Saffell, W. A., Str. Kpr..
693b—Safford, E. P., Supt. Trk.
394a, 420, 439, 629—Safford, H. R., Exec. V.-Pres., V.-Pres.
837—Safford, M., Asst. Supvr. Trk.
596—Safford, R. E., Sec. & Treas.
596—Safford, V. P., Mgr.
693—Sage, R. H., Asst. Gen. Aud.
751c—Sagester, J. N., Supvr.
381b—Sain, J. G., Gen. Atty.
137a—Saindon, V., Rnd. Hse. For.
186—Sainsbury, C. E., Asst. Div. Supt.
47—St. Amand, C. E., Gen. Clms. Atty.
40—St. Clair, J. T., Eng. Car Const.
693c—St. Clair, O., Supvr. B. & B.
629—St. Clair, R. R., Rd. Mast.
137a—St. George, O., Car For.
648—St. Germain, U., Shop For.
507—St. John, H. A., Aud. & G. F. & P. A.
670—Salazar, C., Supt. C. S.
123—Salinsky, A., Rd. Mast.
545—Salisbury, E. F., Ch. Eng.
693a—Salisbury, J. D., Supvr. Trk
964—Salisbury, R. W., Mech. Eng.
718c—Salkeld, R., M. M.
137c—Salmon, G., Headlight Insp.
180—Salmon, G., For. Loco. Rep.
549—Salmon, J. M., Brdg. Eng.
619—Salnes, J., Rd. Mast.
137—Salter, F. C., Mgr. Forn. Dept
472—Salter, J. M., Asst. Treas.
549—Saltmarsh, E. O., Div. Supt.
40c—Saltmarsh, S. M., Car Acct.
751b—Saltsman, W. H., Insp. M. W
693b—Salyer, R. C., Gen. For.
705—Sammons, J. M., Div. Car Insp.
629—Sample, C. S., Const. Eng.
137g—Sample, F. L., Asst. Supt. Term.
58b—Sample, W. E., Rd. For. Eng.
171—Samples, C. W., Car Acct.
929, 1071—Sampsell, M. E., Pres.
97—Sampson, F. E., Div. Eng.
180—Sampson, H. C., Sig. Supvr.
137b—Sampson, J., Rd. Mast.
182—Sampson, P. S., Div. Supt.
47—Sams, H., Asst. G. F. A. & Gen. L. S. Agt.
666—Sams, J. A., Asst. G. F. A.
751c—Samuels, H., Rd. For. Eng.
297—Samways, F., For. Paint.
355b—Sanborn, H. H., Pres. & Traf. Mgr.
847—Sanborn, H. F. Asst. to V.-Pres.
96—Sanbourn, H. E., Trk. Supvr.
382—Sandberg, J. A., Deputy Compt.
1021—Sandberg, O. C., Supt.
240—Sandberg, R. D., Asst. G. F. A
1001a—Sandell, L., Rd. Mast.
629—Sander, C., Supvr. Wat. Serv.
197—Sander, W., Car Acct.
1395—Sanders, B. E., Traf. Mgr.
608—Sanders, C. H., Rd. Mast.
868—Sanders, C. M., Gen. Aud.
47—Sanders, F. D., Rd. Mast.
207—Sanders, G. A., Div. Str. Kpr.
497—Sanders, H. E., Aud.
927b—Sanders, H. L., Supvr.
314—Sanders, J. D., Supvr.
89a, 229c—Sanders, J. W., Treas.
58b—Sanders, L., Supvr. Rds.
716—Sanders, M. T., Tax Comr.
204a—Sanders, R. C., Asst. G. F. A.
381a—Sanderson, E. N., Pres.
599b, 600a—Sanderson, H. D., Ch. Eng.
868, 988—Sanderson, N. P., 2 V. Pres., Treas.
868, 988—Sanderson, P. T., Supt., Sec. & Gen. Mgr.
159, 1852—Sandhas, H. L., Gen. Insp., 3 V.-Pres.
524—Sandifer, W. S., Aud.
739a—Sandlin, H. L., Rd. Mast.
58—Sandman, A. G., Mech. Eng.
964—Sandoloski, L. B., Asst. G. P. A.
670—Sandoval, M., M. M.
1001d—Sands, R., Rd. Mast.
619—Sands, T. E., Frt. Traf. Mgr.
139f—Sandstrom, G., Rd. Mast.
195b—Sandusky, A. H., Rd. Mast.
312—Sandwich, E. W., Supt. C. S.
1626—Sanford, J. B., Gen. Traf. Mgr.
964—Sanford, J. B., Dist. Rd. Mast.
290—Sanford, J. S., V.-Pres., Gen. Mgr. & Treas.
186—Sanford, W. F., Dist. Str. Kpr
1021—Sanner, F., Supvr.
40c—Santhu, G., Rd. Mast.
678—Santmyer, O. E., Aud.
670—Santoyo, M. M., Aud.
946a—Sargeant, F. W., Pres.
886—Sargeant, P. S., Rd. For. Eng
186, 208—Sargent, F. W., Pres.
7a—Sargent, H. B., Supt. Trans.
1091—Sargent, H. J., Asst. to Pres.
671—Sargent, J. A., V.-P. & G. M.
737g—Sargent, L. T., G. F. A.
1607—Sarrels, A. L., Traf. Mgr.
600—Sarvey, A. L., Valua. Eng.
1020c—Sasser, J. W., Supt. M. P.
157—Sasser, S. S., Supvr. Trk.
927b—Sasser, W. H., Gen. For.

697—Satchell, N. L., Safety Agt.
58a—Satterfield, P. T., Asst. Str. Kpr.
92a—Satterfield, W. R., V.-Pres.
279—Satterstrum, G. M., Rd. For. Eng.
8—Sauce, J. A., Supt. Car Serv.
428—Sauer, J. A., Sig. Supvr.
275—Sauer, W. J., Aud.
58—Sauerhammer, L. C., Asst. to V.-Pres.
930—Saul, T. W., Rd. Mast.
428—Sauls, C. B., Div. Str. Kpr.
896—Sauls, C. H., Div. Supt.
191—Saum, G. N., M. C. B.
428—Saunders, D. W., Gen. For. Loco. Dept.
176—Saunders, G. H., Rd. For. Eng
137c—Saunders, H., Car For.
207—Saunders, H. R., Div. Supt.
275—Saunders, J. E., Sig. Eng.
930—Saunders, J. T., Asst. Frt. Traf. Mgr.
940—Saunders, M. T., M. M.
384—Saunders, S. P., Sec. & Aud.
860a—Saunders, T. A., Gen. For. Car Dept.
105—Saunders, W. C., Pass. Traf. Mgr.
415—Saunders, W. K. Supvr. Sig.
120c—Saunders, W. S., G. F. A.
37a—Savage, E., B. & B. Mast.
339b—Savage, J. K., Gen. Supt.
27b—Savage, P. J., Gen. Supt.
44a—Savage, T. D., Gen. Coun.
22—Savage, T. E., Asst. to Mgr. Pur.
07—Savage, W. Z., Traf. Mgr.
23—Sawall, C. W., Frt. Clm. Agt.
01b—Sawyer, E. M., Tax Agt.
58—Sawyer, F., Supt.
50—Sawyer, F. C., Sec. & Treas.
61—Sawyer, F. E., Aud.
37d—Sawyer, H. B., Treas.
04b—Sawyer, M., Div. Supt.
73—Sawyer, S. W., Gen. Coun.
6a, 1858—Sawyer, W. H., Pres., 1 V.-Pres.
36—Saxon, C., Rd. Mast.
20a—Saxton, L. M., Asst. Sec., Aud. & Supt.
23—Saye, H. R., Aud.
35—Saye, S. W., Asst. to Gen. Mgr. & Pur. Agt.
51a—Sayer, L., Boat Master.
10—Sayer, W. H., Sec. & Treas.
21—Sayles, C. J., Asst. G. F. A
17b—Saylor, C. A., Loco. For.
75—Sayre, V. H., Frt. Clm. Agt.
3—Sayward, C. D., Supvr. Plum. & Water Serv.
21e—Scaife, W. A., Gen. Mgr.
6—Scandrett, B. W., Gen. Solr.
91—Scandrett, H. A., V.-Pres.
70—Scanlan, J. P., Div. Supt. Exp.
6—Scanlin, P., Rd. Mast.
5—Scanlon, D. A., Gen. Supt. Rys.
7e—Scarboro, W. S., Asst. Rd. For. Eng.
4—Scarbrough, F., For. Paint.
6—Scarlett, A. H., Gen. For. Loco. Dept.

751—Scarr, F. J., Supt. Motor Serv.
549—Scates, A. B., Div. Supt.
751b—Schaad, O. C., Div. Supt.
629—Schack, H. F., Asst. Supply Agt.
58a—Schad, J. W., M. M.
584—Schaddelee, R., Pres.
58a—Schaefer, D., Asst. Str. Kpr.
1694b—Schaefer, P., Traf. Mgr.
808—Schafer, N. H., Div. Eng.
294—Schafer, S. H., Gen. For. M. P
628a, 628b, 1850—Schaff, C. E., Pres., Chmn. Com. on Nom.
229—Schaff, D. F., Div. Supt.
693b—Schaff, W. F., Asst. Gen. Mgr
1849a—Schaffenburg, V., Traf. Mgr.
186—Schaffer, R., For. Paint.
1010c—Schafhirt, A. F., Asst. G. F. A.
755a—Schakel, W. C., Asst. Eng. M. W.
1461b—Schalitz, C., Traf. Mgr.
523—Schalk, F. E., Bridge. Eng.
1541—Schalier, W. H., Traf. Mgr.
626, 627b—Schantl, H., Ch. Eng.
632, 927—Schardt, P. J., Asst. to V.-Pres., Supvr. Mail Traf.
693b—Scharschmidt, S. H. Off. Eng.
92a—Schatz, F. W., Sec. & Gen. Mgr.
96—Schauble, F., Supvr.
229—Schavoloske, L. L., Rd. For. Eng.
58a—Scheer, E. W., Gen. Mgr.
693a—Scheibel, C. H., For. Paint.
808—Scheifele, J., Rd. For. Eng.
1005—Schellberg, W. H., Gen. Mgr.
7a—Schenck, J. E., Asst. Aud.
776a—Schenne, M. M., Aud.
58—Schepler, F. L., Asst. to Gen. Frt. Clm. Agt.
1334—Scherer, E. W., Traf. Mgr.
106—Scherff, G., Aud.
847—Scherrey, A., Div. Rd. Mast
439a—Scheu, H. H., Pur. Agt.
58b—Scheuerman, J. A., Coal Frt. Agt.
705—Schick, J. R., Eng. Branch Lines.
182—Schickedanz, S. A., Mech. Eng.
306d—Schiele, G. L., Supt.
58a—Schiffgen, J. A., Gen. For. Loco. Dept.
58—Schill, R. L., Mgr. Sta. Oper.
1001b—Schiller, J. E., Rd. Mast.
751c—Schilling, J. H., Asst. Div. Eng.
218a—Schilling, O. E., Mech. Eng.
186—Schimming, G., Eng. Hse. For.
1001c—Schinaman, H. F., Rd. For. Eng.
209—Schindeldecker, G. H., For. Rnd. Hse.
1021—Schindele, W., Aud.
930—Schipper, A., Strs. Insp.
693c—Schisler, P. M., Str. Kpr.
431—Schlafly, L. A., Treas.
1001d—Schlarman, J., Rd. Mast.
295—Schlenk, H., Sec.
399—Schley, L. D., Aud., G. F. & P. A., & Clm. Agt.

1893a—Schley, T. C., Sec. & Treas.
629—Schlinkert, F. H., Supt. Scales
428—Schlinkert, W., Supvr. Scales
751b—Schlotterer, G. H., Supvr.
964—Schmalzried, W., Supt. Car Dept.
55—Schmelser, A. E., G. P. & Clm. Agt.
666—Schmid, R. L., Asst. to Gen. Mgr.
204a—Schmidt, E., Trav. Eng.
173—Schmidt, F. A., Sec.
486—Schmidt, F. H., Aud.
1039—Schmidt, G. S., Gen. Atty.
495a—Schmidt, H., Sec.
40c—Schmidt, J. M. L., Asst. Gen. Boil. Insp.
204a—Schmidt, M. P., Gen. Car For.
382—Schmidt, W. P., Car For.
229—Schmit, R. H., Asst. Tax Agt
186—Schmitt, J. A., Rd. Mast.
961—Schmittgens, Jr., H., Frt. Clm. Agt.
204a—Schmitz, W. L., Asst. Div. Supt.
58—Schmool, G. A., Supvr. Loco. Maint.
40a—Schnable, A., Gen. For.
629—Schnebelen, J. J., Asst. Eng.
1604a—Schnee, C. A., Treas.
180—Schneeberger, J., Gen. Mech. For.
930—Schneegas, F. W., Rd. Mast.
207—Schneider, C. H., Dist. Str. Kpr.
751a—Schneider, F. W. L., Supvr.
751a—Schneider, G. A., M. M.
705—Schneider, J., For.
801—Schneider, J. G., Pres.
710—Schneider, J. H., Asst. to Recr.
1870, 1886—Schneider, S. H., Sec. & Treas.
207—Schnitzer, G. E., G. F. A.
1560—Schnur, W. J., Traf. Mgr.
182—Schnute, E. F., Gen. For. Car Dept.
726c—Schock, D. E., Sec.
726c—Schock, E. E., V.-Pres.
726c—Schock, J. J., Treas. & Gen. Mgr.
726c—Schock, W. O., Asst. Sec.
204a—Schoech, E., Rd. Mast.
699b, 700—Schoellkopf, A. H., Pres., V.-Pres. & Gen. Mgr.
700—Schoellkopf, P. A. Pres.
1595a—Schoemehl, J. E., Traf. Mgr
930—Schoenky, O. B., Supt. M. P.
137—Schofield, J., Arch.
137g—Schofield, W., Rd. For. Eng
195—Scholes, R. T., Asst. to Ch. Eng.
213—Schomburg, T. A., Pres.
213—Schomburg, T. W., Sec.
964—Schonfelder, Jr., C., G. F. A.
137e—Schoolcraft, C. S., Dist. For. B. & B.
322a—Schoonover, B. C., Trk. Supvr.
771—Schoonmaker, J. M., Ch. of Board.
671—Schopflin, F., V-Pres.
726b—Schoppe, K. H., G. F. & P. A.
395c—Schornherst, E. M., Aud.
600—Schott, A. H., Sig. Supvr.

933a–Schrader, E. R., Sta.
322c–Schram, I. H., Reg. Eng.
186—Schram, R. F., Dist. Str. Kpr.
838—Schramm, F. W., Treas.
186—Schrand, G. B., Div. Supt.
195b–Schrank, E. A., Gen. For.
137c–Schrantz, E., Elec. Supvr.
1495—Schremser, E. H., Traf. Dept
275—Schrieber, C., For. Paint.
428—Schroeder, J. H., Gen. For. Loco. Dept.
275—Schroeder. J. H., Gen. For. Car Dept.
695a–Schroeder, J. M., Sig. Insp.
724—Schroeder, L. C., Rd. Mast.
931a–Schroeder, P., Asst. Sig. Supvr.
693c–Schryver, H. F., Valua. Eng.
666—Schubert, J. H., Gen. Sig. Insp.
197—Schuck, J. H., Ch. Eng.
195—Schuff. R. A., Str. Kpr.
58a–Schuh, C., Asst. Rd. For. Eng.
382—Schule, R. R., Trav. Eng.
677—Schuler, H. L., Ch. Eng.
242—Schulte, H. C., Gen. Coun.
927b–Schults, L. C., M. M.
179—Schultz. A. B., Sec.
207—Schultz, C. G., Rd. For. Equip.
469, 470–Schultz, F. W., Mech. Supt.
195—Schultz, O. A., Ch. Lumb. Insp
930—Schultz. P., Sig. Supvr.
439, 872b—Schultz, R. H., Asst. G. F. A., Traf. Mgr.
58, 59—Schultz. T. H., Asst. Treas.
1031b–Schum, D., M. M.
751—Schum, H. S., Gen. Shop For.
1030a–Schumacher, C., Supt. Trans.
930, 930a, 931, 931a—Schumacher, T. M., V.-Pres., Dir. Traf.
549—Schumpp, G., For. Paint.
612, 298—Schutt, W. H., R. E. Agt.
58—Schutte, J. F., Aud.
927b–Schutz, N. A., Asst. Eng. Maint.
1090c–Schuyler, A. J., Gen. Car Insp.
229—Schuyler, H. O., Supt. Pass. Trans.
808—Schuyler, P. J., Rd. For. Eng.
58a–Schwab, H. F., Asst. Str. Kpr.
40b–Schwalm, H. T., Gen. For.
204a–Schwantes, G., For. Paint.
195—Schwartz, J. W., Str. Kpr.
195b–Schwartz, W., Gen. For.
204a–Schwelkert, J. C., Rd. Mast.
693a–Schweitzer, L. J., Asst. Sig. Supvr.
693b, 693c—Schwendt, B. J., Asst. Sig. Eng.
428—Schwietert, H. J., Gen. Devl. Agt.
394a, 439–Schwinn, F. S., Asst. Ch. Eng.
693c–Scofield, J. R., Supvr.
927a–Scoggin, F. F., Trk. Supvr
1001c–Scott, A., Rd. Mast.
137a–Scott. A., Div. Eng.
229—Scott, A., Supvr. Trk.
751—Scott, A. B., For. Frt. Agt.
440—Scott, A. E., Dir. Pub. Rel.
195—Scott, B., Gen. Coun.
149—Scott, C. B., V.-Pres.
322c–Scott, C. K., Div. Eng.
847—Scott, C. M., Asst. Eng.
58a–Scott, C. M., Shop. Supt.
664, 930, 930a–Scott, C. M., Asst. Treas.
367—Scott, D. B., Aud.
137c–Scott, D. C., Boil. Insp.
927b–Scott. D. S., Trk. Supvr.
481—Scott, E. K., Sec. & Aud.
139—Scott. E. L., Supt. Traf.
346a–Scott, E. W., Gen. Coun.
930—Scott, F. E., G. F. A.
32a, 546a—Scott. F. W., Asst. to Pres., Sec., Treas & Supt.
751b–Scott. G., Div. Supt.
628a, 628b—Scott. G. E., Pur. Agt.
628b–Scott. G. W., Dist. Str. Kpr.
693a–Scott, H., Div. Supt.
1353—Scott, H. E., Asst. Sec.
886—Scott. H. M., Rd. Mast.
137c–Scott, I., Rd. Mast.
428—Scott, J., Gen. Mgr.
58a–Scott, J. B., Gen. East. P. A.
1257—Scott, J. B., Gen. Mgr.
137b–Scott, J. D., Loco. For.
549—Scott. J. E., Asst. Eng.
1001a–Scott, J. E., Gen. For. Car Dept.
139g–Scott. J. H., Trans. Asst.
927b–Scott, J. L., For. Paint.
1040—Scott, J. L., G. P. A.
58a–Scott, J. M., Gen. Supt.
930—Scott. J. M., Asst. Pass. Traf. Mgr.
847—Scott, J. R., Gen. Air Brk. Inst.
137c–Scott. J. R., Asst. G. F. A.
139g–Scott. M. J., M. M.
47, 166, 1850a—Scott, R., Dir. Ins. & Safety, Dir. Ins., Chman. Saf. Sect.
549—Scott. R. R., Supvr.
353—Scott, R. S., Recr.
139c–Scott, R. W., Supt.
570—Scott, S. J., Gen. Mgr. for Recr.
137c, 137f—Scott, S. O., G. P. A.
930—Scott. S. T., Rd Mast.
931a–Scott. T., Asst. Supt.
428—Scott, T. L., Gen. Clm. Agt.
58a–Scott. T. W., Sig. Supvr.
137a–Scott, W. B., Str. Kpr.
886—Scott. W. E., Asst. Rd. For. Eng.
751c–Scott. W. I., Rd. For. Eng.
808—Scott, W. L., Supvr. Sig.
381d–Scott W. M., Chman.
1418—Scott, W. M., Traf. Mgr.
931, 931a, 1850–Scott, W. R., Pres., Memb. Bd. of Dir.
23—Scott, W. S., Aud. & G. F. & P. A.
97—Scott, W. Y., Sig. Eng.
1009a–Scowcroft, J., Pres.
58b–Scowden, A. B., Asst. Eng. of Brdgs.
322c–Scribner, N. E., Supvr.
97—Scribner, S. H., Trk. Supvr.
693b—Scribner. W. H., Supvr. Mech. Exam.
779a–Scritsmier. F. S., V-Pres. & Gen. Mgr.
629—Scruby, T. F., Supt. & Clm. Prev.
275—Scudder, C. J., Supt. M. P. & E.
195, 1908a—Scudder, O. F., Land & Ind. Comr., 1 V.-Pres.
159—Scull, M. A. H., Trk. Supvr.
389—Scully, F. J., Supt.
139—Scully, J. J., Gen. Mgr.
563—Scully, J. P., Rd. Mast.
40a–Scully, T., Gen. Trav. Str. Kpr.
395—Scurlock, T. L., Car Acct.
672—Seabrease, N. M., Sec. & Treas.
239—Seabrook, C. P., Sec. & Treas.
860—Seabrook, S. G., Clm. Agt.
716—Seaburg, J., Rd. Mast.
275—Seager, J. L., Asst. Gen. Coun
139d–Seal, A. J., Rd. Mast.
808—Sealey, G. L., Elec. Eng.
26—Seaman, E. T., Asst. Treas.
693b—Seaman. J. C., Sig. Insp.
847—Seanor. G. L., Rnd. Use. For.
549—Seargeant, M., Div. Supt.
85—Searl, H. B., Treas.
207—Searle, C. A., G. P. A.
40c–Searle, G., M. M.
629—Searls, H. C., Valua. Eng.
40b–Sears, A. B., Div. Str. Kpr.
1020c–Sears, C. E., Asst. Aud.
204b–Sears, E., Div. M. M.
40b–Sears, J. C., Div. Str. Kpr.
47–Sears. J. F., Asst. Supt. Relief Dept.
137–Seaton, A. J., Supt.
757—Seaton, W. R., Gen. Atty.
1803—Seavey. C. L., Pres.
927—Seay, T. H., Aud.
629—Seay, W. W., Supvr. Water Serv.
628a–Sebers. C., Str. Kpr.
319—Sebold, L., Treas.
319—Sebold, V., Treas. & Gen. Mgr.
619—Sebora, J., Rd. Mast.
581—Sebree, M. E., Supt.
549—Sechrist, T. O., Asst. Supt. Mach.
949—Sechrist, W. S., Str. Kpr.
897—Secor, S. H., Aud. & G. F. A.
137b–Secord, W. H., Asst. Supt. Wk. Equip.
297—Seddon, C. W., Supt. M. P.
886—Seddon, W. L., V.-Pres.
209—Seder, A. R., Aud.
646—Sedergquest, W. R., Div. M. M.
382—Sedgwick, C. O., Car For.
209—Sedmoradsky, C., Gen. For. B. & B.
207—Sedwick. T. O., Eng. Tests.
715—See, P. V. C., Supt. Equip.
566—Seeds, C. J., Aud.
428—Seeley, H. N., M. M.
1220—Seelig, A. D., Traf. Mgr.
693a–Seely, S. A., Div. Eng.
751a–Seemans, A. C. R., Mast. Carp
204a–Seemuth, W. F., Off. Eng.
432—Seerley, J. J., Asst. Sec.
1598—Seese, J. S., Dist. Supt.
1638b–Seetzer. W. H., Traf. Mgr.
231—Seevers. M. B., V. P. & Treas
229—Sefton. H. W., Supvr. Loco. & Fuel Perf.
549—Segar, J. F., Aud.
198—Segner, W. F., Rd. For. Eng.
41—Seib, H. W., Consult. Eng.
606—Seiberling, F., Sec. & Treas.
606—Seiberling, F. A., Pres.

606—Seiberling, J. P., Asst. G. F. A.
382—Seibert, G. L., Frt. Clm. Agt.
629—Seibert, J. M., R. E. & Tax Agt
629—Seibert, W. G., Asst. Mech. Supt.
180—Seidel, G. C., Mech. Eng.
180—Seidel, G. W., Supt. M. P. & E.
1474a—Seineman, C. L., Traf. Mgr.
808—Seidens, I. A., Supt. M. P.
59—Seifert, C. O., Sig. Supvr.
297—Seifert, J., Sec. & Aud.
705—Seifert, S. P., Supt. Car Dept.
1648a—Seifert, W. R., Traf. Mgr.
926—Seigle, J., Supt. M. P. & Equip
137b—Seigner, E. A., Asst. Eng.
327—Seiller, E. V. Div. Str. Kpr.
693a—Seim, J. H., Dist. Str. Kpr.
1031—Seisler, B. F., For. Paint.
428—Sekinger, J. J., Supvr. B. & B.
58a—Selby, C. W., Supvr. Rd.
204b—Selby, H. G., Div. Supt.
808—Selby, J. S., G. P. A.
229—Selby, O. E., Prin. Asst. Eng.
716—Selch, C. E., Rd. Mast.
58—Selden, C., Gen. Insp. Trans.
539—Self, E. P., Supvr. Bldgs.
927b—Self, M. W., Rd. Mast.
927b—Self, N. H., Rd. Mast.
1831—Self, R. O., Clerk.
47—Self, T. M., Rd. Mast.
990—Selfridge, W., V.-Pres. & Treas.
200—Selke, F. A., Sig. Supvr.
303b—Sell, N. W., Treas.
551a—Sell, Jr., W. M., G. P. A.
142—Sellars, E. W., Rd. Mast.
628b—Sellers, W. F., Str. Kpr.
695—Sellman, C. H., Aud.
751b—Sellman, F. E., Asst. M. M.
96—Selloy, S. H., Gen. For. Car Rep.
381d—Semmens, W. B., Supt.
499—Semsch, R. J., Gen. Aud.
1065a—Sencindiver, D. H., Treas. & Gen. Mgr.
751—Seneff, E. H., Gen. Solr.
549—Sengel, C. L., Div. M. M.
693b—Senger, J. W., Supt. R. S.
475—Senne, J. E., Asst. G. F. & P. A.
523—Sennett, V. P., Asst. Clm. Atty.
886—Senter, C. L., Asst. G. F. A.
58a—Sentman, J. E., Rd. For. Eng.
34, 1001c—Sercombe, F. W., Aud.
499a—Sergel, G. C., Traf. Mgr.
670—Serrano, F., Div. Supt. Exp.
137b—Serviss, F., Rd. Mast.
286a—Sessions, O. H., Eng. M. W.
61—Seth, A. H., Supt. Steamer Lines.
640—Seubert, E. G., Treas.
182—Sevedge, J. O., Gen. For.
831—Severs, G. L., M. M.
204—Severs, J. W., Aud.
137c—Sevick, L. K., Rd. Mast.
139e—Sevick, P., Rd. Mast.
994—Sewall, A. W., Pres.
737d—Sewall, H. B., Mgr.
716—Sewall, J. S., Div. Str. Kpr.
069—Sewall, S. J., V.-Pres. & Gen. Mgr.
820—Seward, H. W., Ch. Insp.
851b, 1851c—Seward, S., Rep., Mgr. Labor Dept.
207—Sewell, H. J., Asst. to Gen. Mgr.
139f—Sewell, J., Rd. Mast.
726e—Sewell, J. R., Traf. Mgr.
726e—Sewell, O. M., Asst. to V.-Pres.
139a—Sewell, R. A., Trans. Asst.
327—Sexton, C. B., Gen. Mgr. & Ch. Eng.
275—Sexton, J., Rd. Mast.
327—Sexton, J. E., V.-Pres.
693a—Sexton, J. P., Supvr. Trk.
40b—Sexton, J. R., Mech. Supt.
886—Sexton, J. R., Dist. Eng.
275—Sexton, T., Rd. Mast.
693a—Sexton, T. J., Supvr. Trk.
679b—Seybold, C. L., V.-Pres.
79—Seyfarth, E. E., Str. Kpr.
139—Seymour, A. O., Gen. Tourist Agt.
693a—Seymour, A. W., Sig. Supvr.
386—Seymour, F. B., Pres. & Gen. Mgr.
1598—Seymour, G. S., Aud.
382—Seyton, H. J., Dist. Eng.
729—Shackelford, V. R., Gen. Coun
1888—Shackford, W. W., 2 V.-Pres
2—Shackleford, J. B., G. F. & P. A.
650—Shadden, I., Supt.
386b—Shafer, E. J., M. M.
945—Shafer, F. F., Gen. For.
703—Shafer, G. S., Pres.
703—Shafer, W. A., Treas.
428—Shaffer, C. A., Gen. Supvr. S. M. & T.
386b—Shaffer, E. P., Gen. Mgr.
847—Shaffer, F. H., Asst. Gen. Mgr.
624—Shaffer, H., Traf. Mgr.
678—Shaffer, H. F., M. M.
131—Shaffer, L., Pres.
58a—Shafferman, J. F., Supvr. Rd.
40a, 40b—Shakeshaft, E. J., Asst. G. P. A.
751b—Shallenberger, C. M., Supvr.
751—Shallenberger, F. E., Asst. Aud.
61, 751—Shand, A. C., Ch. Eng.
381c—Shand, H., Eng.
883—Shands, A. W., Sec., Treas. & Solr.
186—Shanklin, F. E., Supvr. B. & B.
628b—Shanks, A. B., M. M.
549—Shanks, H. T., Pur. Agt.
139d—Shanks, R., Rd. Mast.
97—Shanks, W. L., Supvr. Trk.
137g—Shanley, A. L., Comr. of Ind
616—Shannon, G. F., Gen. Car. For.
697—Shannon, H. H., Sig. Maint. For.
1065—Shannon, H. M., Aud. & Traf. Mgr.
716—Shannon, J., Div. Supt.
616—Shannon, J. R., G. P. A.
1434b—Shannon, T. G., Traf. Mgr.
439a—Shantz, F. J., G. F. A.
964—Shapard, R. S., Asst. Gen. Atty.
428—Shapland, E. S., Div. Str. Kpr
204c, 209b—Shappert, F. W., Traf. & Ind. Agt., Asst. to V.-Pres.
382—Sharer, H. B., Trav. Eng.
25—Sharit, J. L., Rd. Mast.
39—Sharkey, B. M., M. M.
780—Sharp, C. J., Pres.
207—Sharp, C. L., M. M.
137b—Sharp, H., Supt. M. P.
575—Sharp, J. G., Treas.
927b—Sharp, J. S., Eng. M W.
58b—Sharp, J. W., Supvr. Rd.
885—Sharp, M. A., Sec.
1904—Sharp, W. E., V.-Pres.
137b—Sharpe, A. F., Asst. Supt.
980—Sharpe, D. K., Rd. Mast.
195a—Sharpe, S. J., Rd. Mast
927a—Sharpe, T. E., Rd. Mast.
137b—Sharpe, W. J., Rd. For. Eng.
137—Sharpley, H. F., Prin. Asst. Eng.
1020c—Sharpley, J. E., Elec. Eng.
726d—Shartel, J. W., Recr.
725b—Shartel, K. W., Gen. Coun.
693b—Shasberger, W. J., Supt. Shop
40b—Shasteen, C. H., Gen. Trk. Insp.
1901a—Shatford, J. D., Chman.
58b—Shatto, B. K., Supvr. Rds.
186—Shatwell, E. V., Supvr. Sig
469, 470—Shaufler, E. H., Gen. Mgr.
234—Shaughnessy, C. J., Rd. For. Eng.
1827, 1894a—Shaughnessy, J. F., Chman., V.-Pres.
229—Shaul, R., Supvr. Trk.
139—Shave, A. E., Asst. Treas.
861—Shaver, C. B., Supt.
876—Shaver, G. W., Supt. Equip
666—Shaver, J. D., B. & B. Supvr.
629—Shaver, K. B., Asst. Supt.
751c—Shaw, A. H., G. P. A.
933—Shaw, A. J., R. of W. Tax & Clm. Agt.
743—Shaw, A. M., Consit. Eng.
130—Shaw, B. M., Treas.
394a—Shaw, C. C., Mech. Insp.
387—Shaw, C. R., V.-Pres.
937—Shaw, C. W., Gen. Mgr. & G. F. & P. A.
428—Shaw, C. W., Supt.
1071—Shaw, D., Treas.
937—Shaw, F. A., Aud.
1841—Shaw, H. B., Chman.
751b—Shaw, H. J., Div. Eng.
123—Shaw, J., Rd. Mast.
139—Shaw, J. A., Gen. Elec. Eng.
1874—Shaw, J. A., Pres.
32a, 426a, 546a, 573—Shaw, J. H., G. F. & P. A.
520—Shaw, J. N., Valua. Eng.
696—Shaw, N. A., Asst. G. F. A.
924—Shaw, P. J., V.-Pres. & Traf. Mgr.
395—Shaw, R. C., Div. Str. Kpr
198—Shaw, R. M., Gen. Coun.
931a—Shaw, W., Rd. Mast.
549—Shaw, W. A., Supvr.
1081—Shaw, Jr, W. E., Treas.
58a—Shaw, W. H., Asst. Str. Kpr.
600—Shaw, Jr., W. J., Div. Eng.
204a—Shawhan, W. E., Asst. Eng.
58b—Shay, J. M., M. M.
693b—Shea, B., Sec.
693a—Shea, D. E., Supvr. Track.
696—Shea, E. W., Sig. Supvr.
751b—Shea, F. L., Supvr.
794—Shea, J., Rd. Mast.
930—Shea, J., Rd. Mast.

1001c–Shea, J. C., Gen. A. B. Insp.
182—Shea, J. F., Supvr.
294—Shea, J. R., Trav. Eng.
322c–Shea, J. W., Supvr.
696—Shea, L. F., Supt. Commun.
382—Shea, T. J., Asst. G. F. A.
204—Shea, W., Gen. Rd. Mast.
629—Shea, W. B., Gen. Car Insp.
209a–Shea, W. P., V.-Pres. & Asst. Sec. & Supt.
696—Sheafe, Jr., C. M., Gen. Solr.
751—Sheaffer, C. M., Ch. Trans.
751—Sheaffer. D. M., Mgr. Mail & Exp. Traf.
751a–Sheaffer, J. G., Asst. Supt.
42—Sheahan, J. F., Mech. Eng.
428—Sheahan, M., Supvr.
1837—Shealey, F. W., Chman.
886—Shealy, H. C., Gen. Brdg. Insp.
991—Shearer, D. M., M. M.
600—Shearer, H., Gen. Mgr.
808—Shearer, L. D., Supt. Tel.
139—Shearing, J. H., Aud.
891—Shearouse, J. N., Pres.
198—Sheckler, L. I., Sig. Supvr.
1598—Sheckler, L. St. J., Dist. Supt.
96—Shedd, E. E., For. Paint.
207, 1850a—Shedd, L. F., Supt. Safety, 2 V.-Chman. Safety Section.
59—Sheean, H. D., Gen. Solr.
751b–Sheedy, J. A., M. M.
523—Sheehan, J., Supvr.
696—Sheehan, J. E., Ch. Mech. Insp.
157—Sheehan, J. T., Gen. Car Insp.
195—Sheehan, R. E., Supt. Brdgs.
1315—Sheehan, V. C., Traf. Mgr.
930a–Sheehy, J., Rd. Mast.
209a–Sheehy, J. F., Pres. & Gen. Mgr.
539—Sheerin, R. A., Gen. For. Marine Repairs.
646—Sheets, H. E., G. F. & P. A.
186—Sheets, R. A., Asst. Eng. Train Control.
198—Sheffer, B. E., Asst. Div. Supt.
198—Sheffer, M., M. M.
696—Sheffield, H. L., Asst. G. F. A.
195a–Shehan, M. M., Rd. Mast.
927b–Shehee, E. B., Air Brk. Instr.
930—Shelaberger, J., M. M.
139—Shelburne, A., Frt. Clm. Agt.
498—Shellabarger, C. D., M. M.
1835—Shelby, S. R., Comr.
927b–Sheldon, A. C., Asst. Eng. Maint.
757—Sheldon, C. S., Eng. B. & B.
97—Sheldon, E. L., Ch. Tar. Bur.
693c–Sheldon, F. B., Res. V.-Pres.
619—Sheidrick, J. G., Res. Eng.
549—Sheley, W., Asst. Supvr. B. & B.
305b–Shelley, E. H., Gen. Mgr.
808—Shelley, H. E., Str. Kpr.
8—Shelly, A. J. Frt. Clm. Agt.
195, 737h—Shelton, E. M., Asst. to Gen. Coun., Gen. Coun.
628b–Shelton, G. T., Sig. Insp.
705—Shelton, J., Asst. Rd. For. Eng.
666—Shelton, S. L., Trk. Supvr.

212a, 865—Shelton, T. J., G. F. A., Asst. G. F. A.
927—Shelton, T. L., Asst. Aud.
427a–Shelton, T. W., Gen. Mgr., Pur. Agt. & Supt.
176—Shelton, W. W., Rd. For. Eng
1001a–Shelver, W. C., Asst. Supt.
428—Shenefield, W. D., Asst. Eng.
47, 239—Shepard, A. H., Frt. Clm. Agt.
695a–Shepard, A. L., Sig. Insp.
207—Shepard, C. B., Rd. Mast.
629, 964—Shepard, F. J., V.-Pres., 1 V.-Pres.
1917—Shepard, G. G., Supt. Tarf. Dept.
47—Shepard, G. J., Asst. Eng.
696, 1850a—Shepard, H. A., Gen. Supt. Elec. Transmission & Com., Chman.
276—Shepard, H. H., Gen. Supt.
139d–Shepard, K. O., Rd. Mast.
24—Shepard, L. L., Frt. Clm Agt.
827—Shepard, P. P., Supt.
635—Shepherd, A. B., Pres.
1001b–Shepherd, C. C., Gen. Boiler Insp.
97, 1897—Shepherd, F. C., Ch. Const. Eng., V.-Pres.
549—Shepherd, G. M., Supvr.
469, 470—Shepherd, J. A., Supt. Car Serv.
428—Shepherd, J. F., Aud.
428—Shepherd, J. W., Trav. Eng.
695c—Shepherd, R. M., Asst. to Sr. V.-Pres.
786—Shepherd, R. W., Gen. Aud., Asst. Sec. & Asst. Treas.
382—Shepherd, W. E., Sig. Supvr.
721—Sheppard, C. C., Treas. & Gen. Mgr.
725b–Sheppard, F., Gen. Aud.
428—Sheppard, J. L., Asst. G. F. A.
806—Sheppard, L. L., Aud. & Traf. Mgr.
1462—Sheppard, M. W., Traf. Mgr.
883a–Sheppard, P. L., G. F. A.
927a–Sherard, S., Sig. Supvr.
1897—Sherburne, C. H., Treas.
327—Sherburne, J. E., Pres.
619—Sherer, R. E., Asst. Div. Eng.
693a–Sheridan, C. H., Dist. Str. Kpr.
204b–Sheridan, G. S., Div. Str. Kpr
382—Sheridan, J., Car For.
927b–Sheridan, J. F., Supt.
137b–Sheridan, M. J., Rd. Mast.
629—Sheridan, W., Rd. Mast.
698a–Sheridan, W. D., Rd. Mast.
549—Sheridan, W. F., Div. Supt.
739—Sheridan, W. J., Asst. Pur. Agt.
705b–Sheridan, W. K., Supt.
382—Sheridan, A. N., Trav. Eng.
774—Sheriff, J., Treas. & Supt.
737a–Sherlock, W. E., For. Car Rep
101—Sherman, C. T., G. F. & P. A.
165—Sherman, E. M., Pres.
198—Sherman, G., Car For.
751c–Sherman, J. K., Div. Eng.
40b–Sherman, W. C., Rd. For. Eng.
40d–Sherman, W. C., Exec. V.-Pres.
137b–Sherman, W. H., Car. For.
549—Sherrard, B., Supvr.

808—Sherron, Jr., J. F., Asst. Supvr.
628a, 628b–Sherwin, C. S., Land & Tax Comr., Sec.
328a–Sherwood, C. M., Treas., Aud. & Traf. Mgr.
693a–Sherwood, D. C., For. Paint. Car Dept.
428—Sherwood, F. B., Aud.
1001a–Shibely, J. M., Land Comr.
944, 749 Shick, F. A., Aud., Comptr.
629—Shieber, J. H., Asst. Eng.
279—Shields, A. C., Asst. Gen. Mgr
195a–Shields, E. L., Rd. Mast.
549—Shields, H. L., Rd. Mast.
757—Shields, J. C., Gen. Atty.
195—Shields, J. D., Frt. Clm. Agt.
1001a–Shields, P., Rd. Mast.
176—Shields, W. O., Supvr. Term.
549—Shilcer, F. M., Asst. Div. M. M.
523—Shimer, A. B., Supvr.
999—Shimer, F. L. Gen. Supt.
195—Shinn, F. S., Supvr. Tie Plant.
749—Shinn, G. L., Pres.
322—Shinn, J. F., G. P. A.
58a–Shinnamon, C. W., Coal Frt. Agt.
58a–Shipley, W. M., Gen. For. Loco. Dept.
58a–Shipley, W. V., Asst. G. F. A.
632—Shiply, W., Traf. Mgr.
521—Shipman, E. H., Ch. Eng.
1021—Shipp, H., Fuel Supvr.
186, 209—Shircliffe, C. H., Supt. D. & P. Cars.
395—Shirer, K. E., Gen. For. B. & B
428—Shirk, E. L., Gen. For. Loco Dept.
198—Shirk, G. R., Ch. Elec.
931a–Shirley, E. H., Rd. Mast.
1609—Shirras, J. A., Traf. Mgr.
157—Shivers, G. C., For. Mach. Shop.
382—Shober, J., Dist. Rd. Mast.
629—Shockley, R. E., Rd. Mast.
751b–Shoemaker, C. S., G. B. A.
886—Shoemaker, G. W., Div. Eng.
58a–Shoemaker, H., Str. Kpr.
632—Shoemaker, V. Y., Div. Str. Kpr.
693a–Shone, B. F., Supt. Shops.
693—Shoppell, L., Str. Kpr.
804a–Shore, R. W., Asst. Aud.
827—Short, E. A., Pur. Agt.
629—Short, E. B., Rd. Mast.
629—Short, I. E., Rd. Mast.
54—Short, J. A., M. M.
184ga–Short, J. H., Asst. Insp.
930—Short, W. I., Div. Str. Kpr.
1433a, 1683a—Shorter, R. G., Aud.
137c–Shotten, J. H., M. M.
1040—Shotwell, W. J., Asst. G. F. A.
204a–Shoulty, F. A., Gen. Car. For.
748, 1020d—Shoup, E. G., Traf. Mgr., Frt. Traf. Mgr.
930—Shoup, G. V., Gen. Solr.
718c, 737f, 748, 930, 1020d. 1858—Shoup, E., V.-Pres., Pres., Exec., V.-Pres., Pres., 4 V.-Pres.
58b–Shouse, G. B., Supvr. of Rd.
696—Shove, W. C., Fuel Supvr.
705—Show, W. H., For.
695a–Showalter, A. C., Gen. Supt.

82—Showalter, C. C., Frt. Clm. Agt.
716—Showalter, W. C., Div. Supt.
879b—Showers, O. V., Sec.
140a—Shreck, M., Asst. Sec. & Asst. Treas.
79, 1857—Shreeve, G. J., Gen. Supt., 3 V.-Pres.
314—Shreeve, J. C., M. M.
428—Shrider, G. W., Supvr.
58a—Shriver, C. M., Div. Supt. Term.
472—Shriver, D. B., Rd. Mast.
53—Shriver, G. M., V.-Pres.
58—Shriver, W., Air Brk. Inst.
801—Shrodes, W. R., Supt. Tel.
1006b—Shroyer, W., Sec. & Treas.
1081—Shryock, E. O., Mgr.
207—Shubert, F. J., G. F. A.
847—Shubert, W. A., Div. Rd. Mast.
751a—Shuey, D. W., For. Car Shops
229b—Shuford, G. C., Aud.
808—Shugars, G. C., Gen. Loco. Insp.
428—Shulenburger, H. E., Gen. For. Loco. Dept.
277—Shull, C. C., Sec.
751a—Shull, C. O., Gen. For.
229c—Shull, G. F., Supt. Mchy.
277—Shull, J. H., Pres. & Gen. Coun
933a—Shulstrom, E., Rd. Mast.
688—Shultz, F. K., Supvr. Traf.
182—Shuman, W., Dist. Str. Kpr.
207—Shumate, A., Rd. Mast.
58—Shumate, G., Gen. Frt. Traf. Mgr.
655a—Shurtliff, F. M., Supt.
96—Shuttleworth, J. B. For. Paint
137c—Shuttleworth, N. S., Str. Kpr
442—Shutts, E. L., Aud. & Asst. Sec.
297—Sias, J. M., Asst. Sec.
550b—Sibbald, H. N., Traf. Mgr.
378a—Sibert, C. A., M. M.
47—Sibley, C. G., Supt. Trans.
55a, 945—Sibray, E. E., Ch. Eng.
629—Sicht, J., Sig. Supvr.
629—Sickel, L. J., Asst. G. F. A.
137b—Sicotte, C. A., Rd. Mast.
388—Siddall, C. E., Treas.
123—Sidey, W. J., Str. Kpr.
523—Sidey, W. J., Div. Str. Kpr.
575—Sidley, W. P., Gen. Coun.
021—Sido, G. H., Supt. Trans.
693b—Siebert, H. J., Gen. For. Car Dept.
614—Sieboldt, E. W., Traf. Mgr.
930—Siefer, F. M., Div. Eng.
350a—Siefert, F. W., Traf. Mgr.
182—Siefert, G. C., Sig. Insp.
98—Sieg, A. A., Asst. Treas.
180—Siegfried, J. J., Rd. For. Eng
584—Siessegar, J. H., Supt.
198—Sievers, W. H., Aud.
395b—Siffin, W. J., Gen. For.
906a—Siggins, H. A., Pres. & Gen. Mgr.
067a—Sigler, C., M. M.
757—Sikes, C. S., V.-Pres. & Gen. Aud.
927c—Silaz, J. B., Gen. Supt.
176—Silcox, H. E., Asst. Eng.
37c—Siler, W. E., Insp. Tools & Mach.
204, 1850e—Sillcox, L. K., Gen. Supt. M. P., V.-Chman.
63—Silliman, F., 3 V.-Pres.
139d—Silliman, J. M., Div. Eng.
847—Sills, J. M., Div. Eng.
97—Silva, G. A., Gen. Insp. Loco. Maint.
137b—Simard, C., Loco. For.
137b—Simard, J., Loco. For.
716—Simensen, C., Supvr. B. & B.
931—Simino, J. C., Trav. Eng.
623—Simmerman, T., Ch. Eng.
198—Simmons, A. C., Pur. Agt.
927b—Simmons C. M., Asst. Eng. Maint.
705—Simmons, H. E., Rd. Mast.
207—Simmons, I. L., Brdg. Eng.
218a—Simmons, J. A., Gen. Traf. Mgr.
195a—Simmons, J. J., Rd. For. Loco.
265—Simmons, J. J., V.-Pres.
931a—Simmons, L. N., Rd. Mast.
186—Simmons, S., Rd. For. Eng.
1849—Simmons, T. L., Ch. Eng.
751b—Simmons, T. W., Mast. Carp.
1827—Simmons, W. H., Comr.
1628—Simmons, W. L., Pres.
888—Simms, A. M., Rd. For. Eng.
1601a—Simms, B. F., Traf. Mgr.
847—Simms, C. K., Asst. Supt.
1700, 1875—Simms, H. A., Mech. Supt. Car Equip., Treas.
629—Simms, J. F., Insp. Trans.
146—Simms, T. D., Supt. B. & B.
632—Simon, J. M., Asst. G. F. A.
125—Simonds, R. G., V.-Pres.
278—Simonds, W. G., Pur. Agt.
204c—Simons, J. W., Supt Trans.
97—Simons, W. L., Trav. Str. Kpr
716—Simonton, J. C., Asst. G. F. A.
40a—Simpson, A. C., Gen. For.
771—Simpson, C. E., Asst. G. F. A.
1598—Simpson, C. J., Dist. Supt.
619—Simpson, C. L., Asst. Supt.
275—Simpson, C. W., Valu. Eng.
927a—Simpson, F. C., M. M.
274—Simpson, F. R., Supt. Din. Cars.
1700—Simpson, G. B., Gen. Mgr.
716—Simpson, J., Gen. M. M.
930—Simpson, J. A., Asst. Treas.
931a—Simpson, J. D., Div. Car For
847—Simpson, J. L., Div. Rd. Mast
600—Simpson, J. M., Asst. G. P. A.
546—Simpson, J. T., M. M.
619—Simpson, R., Mech. Eng.
1021—Simpson, R., Supvr.
927a—Simpson, R. E., Gen. Mgr.
927a—Simpson, R. L., Asst. Frt. Traf. Mgr.
137a—Simpson, R. W., Asst. Gen. Mgr.
139—Simpson, S. A., Supt. S. D. & P. Cars & News. Serv.
628a—Simpson, T. H., Asst. Treas.
207—Simpson, V. B., Rd. Mast.
207—Simpson, W. A., Rd. Mast.
886—Simpson, W. D., Asst. Eng. M. W.
40, 1852a—Simpson, W. H., Asst. G. P. A., V.-Pres.
576—Sims, D. J., Pres. & Gen. Mgr.
927b—Sims, J., Rd. For. Eng.
428—Sims, J. W., Supvr.
274, 799—Sims, R. B., Frt. Clm. Agt.
195a—Sims, R. L., Rd. Mast.
927b—Sims, S. E., Rd. Mast.
751—Sims, W. F., Asst. Aud.
1031b—Sinclair, C. A. S., Ch. Eng.
716—Sinclair, D., Fuel Supvr.
1291—Sinclair, E. B., Traf. Mgr.
204a—Sinclair, E. L., Asst. Eng.
751a—Sinclair, I. B., Div. Supt.
139c—Sinclair, J. A. L., Asst. Supt.
139f—Sinclair, R., Mast. B. & B.
137c—Sinclair, R. G., Str. Kpr.
47—Sinclair, R. T., Aud.
628a—Sinclair, W. W., Rd. For. Eng
40—Sine, A. W., Asst. Supt. Tel.
1001—Sines, G. H., Asst. to V.-Pres.
933a—Singelman, H. M., Str. Kpr.
695a—Singer, E. W., Supvr. B. & B.
693a—Singer, J., M. M.
930—Singer, W. M., Contr. Atty.
413—Singleton, A., Pur. Agt.
1812—Singleton, F. T., Comr.
927a—Sink, J. M., Rd. For. Eng.
1907—Sinkler, J., 1 V.-Pres.
277a—Sinnett, W. L., Asst. Aud.
207—Sinsabaugh, H. O., Rd. Mast.
180—Sipe, C. D., Asst. Compt.
547—Sippel, P., V.-Pres.
322b—Sipple, L., Trk. Supvr.
600—Sipperley, C. H., Sig. Insp.
751c—Sisco, G. E., M. M.
629—Sisk, J., Rd. Mast
26—Sisk, J. A., Gen. Mgr.
847—Sisk, V. G., Sig. Supvr.
777—Sissel, J. E., Asst. Aud.
806—Sisson, C. H., Sec., Treas. & Pur. Agt.
137g—Sisson, F. P., Div. Eng.
847—Sisson, M. M., Asst. Gen. Mgr
579—Sitterding, F., Pres.
751b—Sitterly, W. H., Gen. Car Insp.
927a—Sitton, G. L., Ch. Eng. M. W. & Struct.
536—Sivia, H., Aud.
67—Sivley, C. L., Gen. Coun.
751b—Sixsmith, G. M., Supt. Pass. Trans.
847—Sizemore, W. A., Div. Rd. Mast.
139g—Sjobeck, R., Rd. Mast.
204—Sjogren, H. J., Asst. Mech. Eng.
804a—Skaggs, J. A., Rd. Mast.
1702—Skaggs, J. E., Pres.
626a—Skatvold, C. L., Ch. Eng.
693c—Skeen, O. P., Div. M. M.
625—Skehan, J. A., Supvr.
693a—Skelton, W. N., Supvr. Trk.
751a—Skerratt, A. L., For. Eng. Float Equip.
716—Skibness, K. B., Supvr. B. & B
1046—Skidmore, J. B., Aud.
472—Skidmore, R., Shop Supt.
204a—Skillen, J. H., Asst. Frt. Traf. Mgr.
139e—Skillen, M. J., Rd. Mast.
381b—Skillern, J. H., Supt. & M. M.
551—Skillman, J. R., Gen. Coun.
751c—Skillman, T. J., Asst. Ch. Eng.
927—Skinner, L. H., Pur. Agt.
693—Skinner, W. M., G. B. A.
1417b—Skipworth, E. W., Traf. Mgr.
927b—Skipworth, W. B., Gen. For.

1703—Skirrow, J. F., V.-Pres. & Ch. Eng.
209—Skooglun, O. J., Asst. Eng.
195b—Skogren, J. A., Mast. Carp.
776a—Skow, G. W., V.-Pres. & Gen. Mgr.
389—Skurdahl, P., Dist. Rd. Mast.
931a—Slabotsky, H., Div. Eng.
137c—Slack, A., Rd. Mast.
744—Slack, T. W., Sec.
137c—Slack, W., Loco. For.
176—Slack, W. E., Gen. Car Insp.
195b—Slack, W. W., Rd. Mast.
771—Sladden, F. T., G. F. A.
97—Slader, A. H., Asst. to V.-Pres. & Gen. Mgr.
517, 721, 736—Slagle, C. E., V.-Pres, V.-Pres., Pres. & Gen. Mgr
218a—Slagle, C. G., Supt. M. P.
68b—Slater, E. G., Sig. Supvr.
1811—Slater, H. M., Trans. Rate Expert.
497a—Slater, J., M. M.
139f—Slater, J. W., Rd. Mast.
930—Slater, P., Supvr. Wage Sched.
751c—Slattery, J., Supvr.
1040—Slattery, J. S., Rd. Mast.
600—Slattery, M., Rd. Mast.
1059a—Slaughter, E. G., V.-Pres. & Gen. Mgr.
182—Slaughter, H. W., Gen. For.
1059a—Slaughter, J. H., Treas. & Pur. Agt.
1057a—Slaughter, L. H., Str. Kpr.
1035—Slaughter, R. P., M. M.
681a—Slaughter, T. C., Aud.
92, 143—Slaughter, V. A., Live Stock Clm. Act.
930—Slaven, J. T., Asst. M. M.
382—Slavin, F. B., Loco. For.
1001a—Sleightholm, J. B., Gen. For. Car Dept.
666—Slemons, F. Asst. Gen. Coun.
629—Slezak, F. R., Div. Str. Kpr.
1006b—Slick, E. E., Clm. Adj.
726e—Slick, T. B., Pres.
58a—Sliger, F. A., Gen. For. Loco. Dept.
58—Sloan, C. E., Asst. Eng. Brdg.
930a—Sloan, E. B., Ch. Eng.
549—Sloan, E. W., Supvr.
666—Sloan, G. W., Asst. G. F. A.
751b—Sloan, J. R., Ch. Elec.
1001b—Sloan, L. G., Asst. Supt.
847—Sloan, R., Gen. Car Insp.
751—Sloan, S. A., Asst. to Ch. Eng.
959a—Sloan, T. E., Car Acct.
716—Sloan, W. C., Div. Supt.
306—Sloan, W. H., Traf. Mgr.
204b—Sloane, F. M., Div. Eng.
845—Sloat, W. H., M. M.
46—Sloatman, W. S., Supvr.
58—Slocomb, R. C., Asst. Eng.
47—Slocum, R. B., Supt. Relief Dept. & Med. Dir.
362a—Slowey, R. E., Aud. & Traf. Mgr.
757—Slowinski, R., Car For.
1253—Small, D. A., Traf. Mgr.
182—Small, F. W., Asst. Eng.
1848f—Small, H. C., Sec.
930a—Small, J. A., Gen. Mgr.

1035—Small, J. H., Sec. & Gen. Coun.
176—Small, J. W., Ch. Mech. Officer.
186—Small, L., Rd. For. Eng.
927a—Small, O., Gen. For.
97—Small, W. E., Ch. Fuel Insp.
718c, 1901—Small, W. T., Gen. Supt. M. P. & Equip., V.-Pres.
204—Smallen, A. W., Gen. Supvr. Safety & Fire Prev.
322b—Smallenberger, J. P., Mast. Carp.
428—Smallwood, C. H., Gen. Car Insp.
195b—Smart, A. G., Div. Supt.
40a—Smart, F. D., Rd. Mast.
137—Smart, G. E., Ch. Car Equip.
382—Smart, G. G., Gen. Rd. Mast
600, 692x, 693a, 693b—Smart, J. R., Mgr. Din. Serv.
613—Smart, R. E., Traf. Mgr.
1824—Smart, V. E., Ch. Dept. Trans
619—Smeed, B. E., Asst. G. P. A.
597—Smethurst, T., Supt. M. P.
1548, 1646a—Smiley, E. W., Traf. Mgr.
549—Smiley, G. R., Ch. Eng. Const.
705—Smiley, R. W., Asst. Rd. For Eng.
931a—Smiley, W. R., Act. Sig. Supvr.
693b—Smilie, J. P., Asst. Div. Supt.
964—Smirl, A. P., Asst. Traf. Mgr.
966—Smith, A., Chman. Bd.
628b—Smith, A., For. Paint. Shop.
693c—Smith, A., Gen. For.
619—Smith, A. A., Aud.
139e—Smith, A. A., Asst. Supt.
716—Smith, A. B., Pass. Traf. Mgr.
45—Smith, A. E., Recr.
616—Smith, A. E., Compt.
808—Smith, A. F., Str. Kpr.
96—Smith, A. G., Elec. Eng.
731—Smith, A. G., Sec.
182—Smith, A. J., Mast. Carp.
695b—Smith, A. J., Div. Supt.
986—Smith, A. L., Supt.
1039—Smith, A. M., Supt.
322a—Smith, A. M., Sig. Supvr
549—Smith, A. R., V.-Pres.
629—Smith, A. T., Bldg. Insp.
576—Smith, A. V., Treas.
40a—Smith, B. F., Gen. Sig. Supvr.
207—Smith, B. H., M. M.
1040—Smith, B. K., Asst. Traf. Mgr
927a—Smith, B. M., Trk. Supvr.
1815—Smith, C., Comr.
847—Smith, C., Sig. Insp.
865—Smith, C., Sec. & Treas.
619—Smith, C. A., Sig. Insp.
89a, 229c—Smith, C. A., G. F. & P. A.
23—Smith, C. A., M. M.
936a—Smith, C. A., Gen. Mgr.
807—Smith, C. A., Gen. Supt.
790b—Smith, C. B., M. M.
58a—Smith, C. B., Gen. For. Loco. Dept.
97—Smith, C. B., Asst. to Mech. Supt.
693a—Smith, C. B., Rd. For. Eng.
195—Smith, C. C., Ch. Scales Insp.
959a—Smith, C. C., Supvr.

382—Smith, C. F., Car For.
693a—Smith, C. F., Gen. Supt. Pass. Trans.
218a—Smith, C. F., Asst. to Pres.
979b—Smith, C. F., Gen. Mgr. & Pur. Agt.
629—Smith, C. G., Rd. Mast.
386—Smith, C. H., Gen. Mgr.
600a—Smith, C. H., Supt.
82—Smith, C. O., Mast. Paint.
176—Smith, C. R., Supvr. M. W. Reports.
135—Smith, C. R., Aud.
204a—Smith, C. U., Dist. Eng.
453a—Smith, C. W., Sec. & Treas.
137—Smith, D. B., Asst. to V.-Pres. & Gen. Coun.
355b—Smith, D. C., Gen. Coun.
884—Smith, D. C., Gen. Mgr
960b—Smith, D. D., Supt.
137b—Smith, D. E., Loco. For.
769—Smith, D. G., Supvr.
705—Smith, D. L., Rd. Mast.
139g—Smith, D. M., Div. M. M.
629—Smith, D. T. G., Asst. Supt. Tel.
413—Smith, D. W., Valua. Eng.
927b—Smith, E., Trk. Supvr.
131—Smith, E., Supt.
693a—Smith, E. B., Sig. Supvr.
626—Smith, E. C., V.-Pres.
137e—Smith, E. C., Pres.
927a—Smith, E. E., Trk. Supvr.
771—Smith, E. E., G. P. A.
137e—Smith, E. F., Asst. to Pres.
473—Smith, F. F., Car Acct.
673—Smith, E. F., M. M.
1001—Smith, E. G., Treas.
983—Smith, E. G., Supt.
637—Smith, E. H., Asst. to Pres.
927a—Smith, E. H., Trk. Supvr.
801—Smith, E. J., Sec.
47—Smith, E. J., M. M.
229—Smith, E. L., Supt. Din. Car Serv.
751a—Smith, E. L., Supvr.
695—Smith, E. M., Gen. Land & Tax Atty.
428—Smith, E. M., Gen. For. Loco. Dept.
1672b—Smith, E. R., Gen. Mgr.
342—Smith, E. S., M. C. B.
137—Smith, E. W., Gen. Supt. Din. & Par. Cars & Rest.
751b—Smith, E. W., Gen. Supt.
886—Smith, E. W., Asst. to Ch. Eng.
628b—Smith, F., Rd. Mast.
1021—Smith, F., Fuel Supvr.
207—Smith, F. A., Asst. Sec. & Asst. Treas.
180—Smith, F. B., Aud.
930—Smith, F. C., Asst. Div. Supt.
1810—Smith, F. E., Comr.
1021—Smith, F. E., Ch. Surg.
92a—Smith, F. G., Local Aud.
1811—Smith, F. L., Chman.
488a—Smith, F. M., Asst. Treas.
835—Smith, F. R., Gen. Atty.
82—Smith, F. W., Asst. Supt.
137c—Smith, G., Str. Kpr.
182—Smith, G., Gen. For Car Dept.
274—Smith, G., Rd. Mast.
1001a—Smith, G. C., Pur. Agt.

368—Smith, G. E., V.-Pres.
628a—Smith, G. F., Str. Kpr.
693c—Smith, G.H., Div. Eng.
139—Smith, G. H., Asst. G. F. A.
392b—Smith, G. H., Asst. Treas.
1001b—Smith, G. H., Gen. Solr.
825—Smith, G. L., Rd. Mast.
751a—Smith, G. M., Div. Supt.
693a—Smith, G. M., Trk. Supvr.
229—Smith, G. P., Consit. Eng.
176—Smith, G. R., Supvr. Trk.
629—Smith, G. S., Asst. Eng.
275—Smith, G. T., Rnd. Hse. For.
806—Smith, G. T., V.-Pres.
229—Smith, G. W., Trk. Supvr.
809—Smith, G. W., Aud.
695a—Smith, H., Off. Eng.
961—Smith, H. A., Pur. Agt.
8—Smith, H. A., V.-Pres.
472—Smith, H. B., Fuel Agt.
808—Smith, H. C., Div. Eng.
83a—Smith, H. C., Aud.
137b—Smith, H. E., Asst. Eng.
1074a—Smith, H. E., Sec.
666—Smith, H. E., Sig. Supvr.
692x—Smith, H. E., Eng. Matls.
666—Smith, H. F., V.-Pres. & Traf. Mgr.
927—Smith, H. F., Asst. Eng.
275—Smith, H. J., Gen. Car Insp.
1439b—Smith, H. K., Traf. Mgr.
716—Smith, H. M., Trav. Str. Kpr.
705—Smith, H. M., Rd. Mast.
139f—Smith, H. M., Asst. Supt.
137c—Smith, H. N., M. M.
295—Smith, H. O., Car Acct.
380—Smith, H. P., Supt.
1450—Smith, H. R., Traf. Mgr.
176—Smith, H. S., Asst. G. F. A.
150, 956, 1076b—Smith, I. B., V.-Pres., Treas. & Gen. Traf. Mgr., Treas., Treas. & Traf. Mgr.
811—Smith, I. S., Gen. Mgr.
716—Smith, J., Rd. Mast.
563—Smith, J., For.
137c—Smith, J., Rd. Mast.
604—Smith, J. A., V.-Pres. & Gen. Mgr.
847—Smith, J. A., Div. Rd. Mast.
382—Smith, J. B., Asst. Supt. Trans.
800—Smith, J. C., Pres.
629—Smith, J. F., Rd. Mast.
207—Smith, J. H., Gen. For. Loco. Dept.
692a—Smith, J. H., Rd. Mast.
927—Smith, J. H., Div. Str. Kpr.
696—Smith, J. H., Trk. Supvr.
1001b—Smith, J. H., Div. Eng.
1040—Smith, J. L., Tax Agt.
382—Smith, J. M., Trav. Eng.
619—Smith, J. R., Sig. Supvr.
927a—Smith, J. R., Supt Tel.
647—Smith, J.T., V.-Pres. & Treas.
695c—Smith, J. T., Asst. G. F. A.
434—Smith, J. W., Gen. Mgr.
314—Smith, J. W., Rd. For. Eng.
948—Smith, J. W., V.-Pres.
392—Smith, J. W., Gen. Off. Eng.
629—Smith, L., For. Car Dept.
716—Smith, L., Off. Eng.
1021—Smith, L. A., Rd. For. Eng.
1840—Smith, L. A., Comr.
434—Smith, L. C., Supvr. B. & B.
619—Smith, L. C., Res. Eng.
1006a—Smith, L. C., Treas.
218a—Smith, L. E., Frt. Clm. Agt.
960—Smith, L. E., Gen. Mgr.
523—Smith, L. G., Elec. Eng.
547b—Smith, L. G., Aud. & G. F. & P. A.
715—Smith, L. G., Pur. Agt.
549—Smith, L. I., Asst. Eng.
1021—Smith, L. K., Div. M. M.
195a—Smith, L. L., Rd. Mast.
207—Smith, L. L., Div. Str. Kpr.
1610a—Smith, L. M., Traf. Mgr.
577—Smith, L. N., Aud. & G. F. & P. A.
389—Smith, L. R., Aud.
930—Smith. L. R., Asst. Div. Supt.
204b—Smith, L. W., Asst. Sig. Eng.
1839—Smith, M., Eng.
61, 751—Smith, Montgomery, Pur. Agt.
549—Smith, M., Div. M. M.
280—Smith, M., Gen. Solr.
428—Smith, M. A., Gen. For. Loco. Dept.
771—Smith, M. A., Asst. Supt. M. P
428—Smith, M. A., Supvr. B. & B.
95—Smith, M. B., Supt. B. & B.
157—Smith, M. B., Div. Supt.
751a—Smith, M. G., For. Car Shops
439—Smith, M. H., Rd. Mast.
705—Smith, M. P., Asst. Rd. For. Eng.
626a—Smith, M P., Asst. Traf. Mgr.
123—Smith, M. R., V.-Pres.
286c—Smith, M. R., Aud.
636—Smith, M. S., Pur. Agt.
9—Smith, N. W., Gen. Mgr.
665a—Smith, N. W., Gen. Coun.
61, 751a—Smith, N. W., Asst. to Gen. Mgr.
115—Smith, O. A., Eng.
737f—Smith, O. A., Pass. Traf. Mgr.
428—Smith. O. E., Supvr.
726c—Smith, O. P., Traf. Mgr.
457—Smith, O. T., Shop For.
209—Smith, P. F., Mech. Eng.
563—Smith. P. G., Asst. to Supt. M. P.
617a—Smith, P. H., Supt.
432—Smith, P. L., Asst. Sec. & Asst. Treas.
787c—Smith, P. R., Sec. & Treas.
699—Smith, P. W. J., Supt.
1002—Smith, R., M. M.
1001—Smith, R. A., Supvr. Agric.
310—Smith, R. A. C., Chman.
617a—Smith, R. C., Ch. Eng.
440a—Smith, R. D., M. M.
600—Smith, R. E., Supt. Din. Serv.
716—Smith, R. E., Asst. G. F. A.
204b—Smith, R. H., Div. Eng.
705—Smith, R. H., Div. Supt.
14, 599—Smith, R. H., Pres.
229e—Smith, R. J., V.-Pres. & Gen. Mgr.
584—Smith, R. J., Ch. Eng.
751a—Smith, R. J., Supvr.
748—Smith, R. L., Ch. Eng
629—Smith, R. M., Div. Eng.
58—Smith, R. M., Gen. Atty.
696—Smith, R. M., Supt.
396a—Smith, R. P., V.-Pres.
41—Smith, R. P., Mech. Eng.
1051—Smith, R. P., G. F. A.
899—Smith, R. R., Aud.
666—Smith. R. W., Aud.
137c—Smith, S., Asst. Supt.
549—Smith. S., Gen. Atty.
157—Smith, S. A., Asst. to V.-Pres. & Traf. Mgr.
1034—Smith. S. B., Aud. & Asst. G. F. & P. A.
1066—Smith, S. B., V.-Pres.
204a—Smith. S. H., Asst. Eng.
1904—Smith, S. L., V.-Pres.
757—Smith, S. S., Div. Rd. Mast.
302—Smith, T. B., Supt.
159, 1850g—Smith, T. C., Frt. Clm. Agt., 2 V.-Chman.
137—Smith, T. D., Lake Fwd. Agt.
157—Smith, T. F., Land & Tax Agt.
137g—Smith, T. H., Gen. Eng. Hse. For.
139—Smith, T. J., Eur. Frt. Agt.
872a—Smith, T. N., Sec. & Treas.
791—Smith, T. W., Supvr. M. W. & Struct.
847—Smith, V., Div. Rd. Mast.
11a—Smith, V. W., V.-Pres.
771—Smith, W., Gen. For. Mach. Shop.
428—Smith, Jr., W., Asst. G. F. A.
282—Smith, W., Car For.
629—Smith. W. A., Asst. Eng.
96—Smith, W. B., Rd. For. Eng.
629—Smith, W. C., Asst. to Ch. Mech. Off.
286f—Smith, W. C., Ch. Eng.
248—Smith, W. E., Aud. & Supt. Car Serv.
927b—Smith, W. E., Trk. Supvr.
549—Smith, W. E., Asst. Gen. Mgr.
693b—Smith, W. F., Rd. For. Eng.
58b—Smith, W. G., Asst. Rd. For. Eng.
1700—Smith, W. G., V.-Pres.
1001d—Smith, W. H., Supt.
1029—Smith, W. H., Aud.
395—Smith, W. J., Arch.
628a, 628b—Smith, W. J., Tie & Timb. Agt.
1811—Smith, W. J., Comr.
1850k—Smith, W. J., Dist. Mgr.
860—Smith, W. P., Asst. Supt.
186—Smith W. R., Div. M. M.
613—Smith, W. R., V.-Pres. & Gen. Mgr.
382—Smith, W. R., Gen. Supt.
58a—Smith, W. W., Gen. For. Loco. Dept.
549—Smithers, E. L., V.-Pres.
1840—Smithey, W. W., Aud.
1040—Smitten, H. M., Brdg. Eng.
382—Smitton, G. H., Frt. Traf. Mgr
386—Smoak, J. T., Rd. Mast.
751a—Smock, F. A., Gen. For.
204a—Smola, C. C., Div. Str. Kpr.
204a—Smoot, F. E., Ch. Carp.
930—Smurr, C. R., Ind. Agt.
40b—Smyer, C. E., Div. Supt.
611—Smyly, J. T., Sec. & Treas.
716—Smyth, A. H., Rd. Mast.
34—Smyth. C. H., V.-Pres.
176—Smythe, F. H., Supvr. B. & B.
751a—Snare. G. E., For. Car Shops.
696—Snavely, J. J., Supt.

123—Sneck, H., Supvr. Air Brks.
137c—Sneddon, S., Dist. Str. Kpr.
549—Sneed, B. S., Supvr.
183—Sneed, R. S., Asst. Traf. Mgr.
137b—Snell, E. A., Dist. Str. Kpr.
693a—Snell, E. J., M. M.
693b—Snell, H. F., Gen. For. Eng. Hse.
186—Snell, R., Eng. Hse. For.
204a—Snell, W., Dist. Gen. Car For.
139—Snell, W. H., G. P. A.
549—Snellen, A., Insp. B. & B.
58a—Snelling, C. S., Asst. Str. Kpr.
201, 229, 600, 692x, 984—Snelling, H. G., Gen. Treas., Treas.
808—Sneyd, J. S., Asst. Treas.
106—Snider, C. A., Treas.
1057a—Snider, C. W., Sec.
838—Snider, G. B., Sec.
724—Snider, G. E., Ch. Elec. Eng.
1598—Snider, L. W., Dist. Supt.
737d—Snitzler, C., M. M.
1598—Snoddy, O. W., Dist. Supt.
259—Snoderly, H. H., Sec., Asst. Treas. & Asst. Gen. Aud.
233—Snodgrass, B. W., Pres.
629—Snodgrass, C., Rd. For. Eng.
176—Snodgrass, C. A., Supvr. Trk.
413—Snouffer, E. C., Supvr. Trk.
871—Snow, A., Pres.
1835—Snow, F. H., Ch. Bur. of Eng.
1917—Snow, G. D., Sec.
1248—Snow, H. S., Traf. Mgr.
563—Snow, L., Ch. of Tariff.
158—Snowden, W., Sig. Supvr.
477—Snure, J. J., Gen. Mgr.
137b—Snyder, A. A., Rd. Mast
25—Snyder, B., V.-Pres. & Gen. Mgr.
808—Snyder, C. L., Asst. Aud.
432, 432a—Snyder, Jr., D. W., V.-Pres.
159—Snyder, E. M., Asst. G. F. A.
82—Snyder, F. I., Gen. Mgr.
159—Snyder, F. M., Aud.
751a—Snyder, F. M., Gen. For.
40a—Snyder, F. W., Rd. For. Eng.
510—Snyder, G. T., Ch. Eng.
751—Snyder, 2nd, G. W., Asst. Ch. Eng. Maint.
322—Snyder, H. C., G. F. A.
693c—Snyder, H. G., Supvr.
600—Snyder, J. A., Div. Eng.
705—Snyder, J. F., R. E. Agt.
751b—Snyder, J. W., Supvr. Tel. & Sig.
1600b—Snyder, M. D., Traf. Mfg.
1366—Snyder, M. G., Traf. Mgr.
1694—Snyder, S. G., Traf. Mgr.
195b—Snyder, S. H., For. Wat. Ser.
123—Snyder, T. E., Supvr. B. & B.
186—Snyder, W. A., Supvr. Sig.
91—Snyder, W. C., Treas. & Supt.
982a—Snyder, W. H., M. M.
322a—Snyder, W. H., M. M.
375—Snyder, W. I., Sec.
139b—Soans, J. H., Div. Eng.
322a—Sobbott, P., Asst. Trk. Supvr.
137c—Sobotta, J., Loc. Aud.
76—Soden, W. E., Ch. Eng.
204a—Soergee, E. W., G. F. A.
697—Soete, F. X., Asst. to Gen. Mgr
1051—Soffel, P. K., R. E., Clm. & Tax Agt.
751c—Solander, F. L., Supvr.
382—Solga, A., Dist. Rd. Mast.
670—Solis, F. F., Frt. Agt.
1091—Sollitt, E. A., Gen. Supt.
596—Solomon, W., Asst. Pur. Agt.
623a—Soiverson, S., Sec. & Treas.
696—Somers, C. R., Circuit Eng.
737d—Somers, W. H., Traf. Mgr.
797—Sommer, A. F., V.-Pres. & Gen. Mgr.
347, 797—Sommer, C. H., V.-Pres.
751—Sommerville, B. V., Asst. to Ch. Eng.
693a—Sommerville, D. L., Div. Supt.
964, 1034—Somerville, J. A., V.-Pres
1009b—Somo, J. B., M. M.
242—Son, F. P., Asst. to Pres.
332—Sonderman, J. A., Pres.
505—Sondheimer, E. A., V.-Pres. & Treas.
505—Sondheimer, R., Pres., Sec. & Treas.
886—Sondley, L. P., Str. Kpr.
137—Sonne, J. H., Treas.
539—Soper, C., Sig. Supvr.
322—Sorenson, A. L., Mgr. Strs.
1076b—Sorensen, J. F., Aud.
186—Sorenson, N., Gen. For. Car Dept.
1007—Sosa, E., Ch. Aud.
137b—Sosnowsky, F., Rd. Mast.
808—Souders, H. W., G. B. A.
40a—Soule, A. L., Asst. to Gen. Mgr.
696—Soule, H. A., Asst. Eng.
137e—Souliere, A., Gen. For. Pass. & Frt. Car Dept.
61—Soulsby, R. H., G. F. & P. A.
1001a—Souser, C. E., Rd. Mast.
437, 751—South, C. M., V.-Pres., Asst. Ch. of Corp. Work.
49—Southard, J. N., Supvr.
97—Southard, W. B., B. & B., Supvr.
58—Southerington, E., Off. Eng.
560—Southwell, M. L., Car Acct.
886—Southwell, T. L., Asst. G. F. A
1078a—Southworth, C., V.-Pres.
787—Southworth, H. A., M. M.
137g—Sovereign, F. D., Gen. Eng. Hse. For.
575a—Soveriegn, H. E., Pur. Agt.
382—Sowa, P. L., Car For.
157—Sowell, A. W., Str. Kpr.
886—Sowell, J. E., Rd. Mast.
668, 685—Sowell, T. A., Aud.
927—Sowers, J. P., Div. Str. Kpr.
1032—Space, F. L., Sec., Treas. & Aud.
837—Spafford, J. M., Car Acct.
847—Spafford, L. K., Rnd. Hse. For
280—Spahr, J. W., Gen. Supt.
40b—Spahr, R. G., Div. Str. Kpr.
82, 1003—Spalding, L., Value. Eng.
705—Spangler, D. E., Gen. Supt. Trans.
751a—Spangler, D. E., Supvr. Tel. & Sig.
751a—Spangler, H. V., Asst. Supvr. Tel. & Sig.
847—Spangler, F. F., Supvr. Car Rep. Bills.
751a—Spangler, W. N., Asst. Supt. Tel. & Sig.
48—Spar, C. E., Sec., Gen. Mgr. Aud. & G. F. A.
195a—Spargur, J., Rd. Mast.
628a, 628b—Sparks, A. L., Arch.
413—Sparks, F. A., Supvr. Trk.
139—Sparks, J., Asst. Gen. Agt. Mail, B. & M. Traffic.
176—Sparks, W. H., Gen. Insp. Trk
600, 984—Sparling, F. W., Aud.
137—Sparling, J. M., Asst. to V.-Pres.
47—Sparrow, L. L., Eng. Stat.
204—Sparrow, W. W. K., Ch. Fin & Acct. Off.
693a—Spaulding, C. L., Dist. Eng.
204b—Spaulding, G. T., Trav. Eng.
1521—Spaulding, H. E., Traf. Mgr.
1021—Spaulding, H. G., Supvr. Fire Prev. & Insur.
1074—Spaulding, I. S., Asst. Treas.
153—Spaulding, J. E., Supt.
322—Spaulding, R. W., Div. Str Kpr.
576—Spaulding, W. S., Sec.
693b—Speakman, F. J., Gen. For. Eng. Hse.
693c—Speaks, H. E., Gen. Supt.
1850a—Spear, C. T., Chman. Frt. Sta. Sect.
479—Spear, H. S., Treas.
757—Spearman, W. J., Loco. For.
222—Spears, A., Sec.
930—Specht, J. M., Tie Agt.
751b—Speck, H. J., Gen. For.
757—Speckin, F. H., For. Paint.
1851d—Speer, F., Sec. & Treas.
332c—Speer, H. A., Reg. Acct.
401—Speer, J. A., Sec.
927a—Speiden, T., Asst. Eng. Maint
640—Speir, R. W., Sec. & Treas.
1042—Spelbring, H. E., Treas.
42—Spell, W. A., Eng. M. W.
137c, 137f—Spence, H. M., G. B. A.
930—Spence, L. J., Exec. Off.
137c—Spence, T., Loco. For.
809—Spencer, A. B., Traf. Mgr.
1001c—Spencer, A. C., Gen. Solr.
847—Spencer, C. B., Value. Eng.
1001b—Spencer, D. S., G. P. A.
179—Spencer, F. N., Gen. Mgr.
1849—Spencer, G., Ch. Op. Officer.
960—Spencer, H. B., Chmn. & Pres.
1433a, 1683a—Spencer, H. B., Pres.
154—Spencer, H. P., Supvr.
696—Spencer, P. B., Eng. Struct.
847—Spencer, R. B., M. M.
751—Spencer, R. L., Warehouse Supt.
960—Spencer, V., V.-Pres.
554—Spencer, W. A., Treas. & Aud.
176—Spencer, W. S., Supvr. Trk.
696—Spencer, W. T., Supt.
127—Spengler, C. H., M. M.
176—Spengler, L. C., Div. Supt.
195—Spens, C. E., V.-Pres.
139c—Spicer, G., Rd. Mast.
693b—Spicer, H. E., Str. Kpr.
176, 413—Spicer, M. T., Exec. Asst. to Pres.
137g—Spicer, W. H., Asst. G. F. A.
696—Spicer, W. L., Asst. to Compt.
58a—Spielman, J. A., Asst. to Gen. Supt.
693a—Spink, C. D., Rd. For. Eng.
927a—Spiro, M., Gen. For.

382—Splitstone, C. H., Supt. Const
154, 696—Spock, B. I., Pres., Gen. Coun.
382—Spoden, P., Car For.
637—spofford, R. W., Mgr. Rys.
58a—Sponseller, I.S., Gen. Supvr. Rd.
751c-Sponseller, R. J., Rd. For. Eng.
137a-Spooner, J. W., Loco. For.
115—Spoor, C. E., M. C. B.
1004—Spoor, J. A., Chman. Bd.
428—Sprague, E. W., Gen. Clm. Agt.
847—Sprague, G., Trav. Loco. Insp
294—Sprague, I. C., Gen. Mgr.
1581—Sprague, P. C., Traf. Mgr.
63—Sprague, P. L., Asst. Treas.
695a-Sprague, W., Div. Eng.
243—Sprague, W. B., Pur. Agt.
941a-Sprague, W. T., Asst. Supvr., B. & B.
439a-Spraggon, L., Supt. Equip.
382—Sprain, F. G., Aud.
204—Spratten, L. W., Asst. to Recr
437—Spratley, J. O., Str. Kpr.
738, 875—Spreckels, J. D., Pres.
751a-Springer, W. S., Supvr.
236—Springfield, J. F., Pres.
1809—Springfield, R. N., Sec.
511—Springs, E. W., V.-Pres.
511—Springs, L., Pres.
274, 424—Sprong, J. W., Pur. Agt.
927—Sproul, R. L., Asst. Supt. Car Records.
751a-Sproul, V., Rd. For. Eng
496—Sproul, W. C., Pres.
139c-Sproule, G., Rd. Mast.
137c-Sproule, P. J., Loco. For.
930, 930a—Sproule, W., Pres., Ch. Exec. Com.
135—Sprout, C. E., Pres.
186—Spuhler, A. J., Dist. Str. Kpr.
927b-Spurgeon, W., Trk. Supvr.
346—Spurgin, F. R., Frt. Clm. Agt.
628b-Spuriock, J. A., Rd. Mast.
472—Spyres, A. M., Rd. Mast.
472—Spyres, O. L., Rd. Mast.
472—Spyres, W. L., Rd. Mast.
58b-Squiggins, G. W., G. P. A.
731f-Squires, G. F., Asst. Frt. Traf. Mgr.
696—Squires, W. G., Div. M. M
879a-Staal, C. P., Aud.
137c-Stacey, S. A., M. M.
279—Stack, J. D., Gen. Supt.
681b-Stackhouse, Jr., P., Pres.
808—Stackhouse, R. J., Gen. Str. Kpr.
751b-Stackhouse, R. K., Supt. Sta. & Trans.
97—Stackpole, R. R., Supt. Tel.
751—Stackpole, S. T., Asst. G. F. A.
186—Stafford, A. M., Eng. Hse. For
693—Stafford, F. O., Asst. Frt. Traf. Mgr.
298—Stafford, H. P., Asst. Gen. Rd. Mast.
699—Stage, M. L., Rd. Mast.
600, 692x—Stahl, H. A., Asst. Gen. Treas.
927—Stahl, J. J., Fuel Eng.
137—Stahl, L. C., Asst. Eng.
549—Stahl, L. R., Off. Eng.
699—Stahl, W. A., Tr. Cont. Exam.
428—Stailey, C. E., Asst. G. F. A.
685—Stainback, R., Sec. & Compt.
349—Stainer, M. A., Eng. M. W.
41—Stair, E. B., For. Paint.
627a-Stair, E. H., Aud.
751a-Stair, Jr., J., Ch. Elec.
931—Stakelum, W. H., Asst. G. F. A.
40b-Staley, A. M., Sig. Supvr.
705—Staley, H. F., Gen. For. Loco. Dept.
40b-Staley, O. T., Sig. Supvr.
751c-Staley, W. E., Ch. Tel. & Tel. Insp.
989b-Stalker, J. W., M. M.
1598—Stallings, W. S., Dist. Supt.
632—Stallings, J. T., Trk. Supvr.
751a-Stam, J. R., Supvr.
547—Staman, E. A., Asst. to Pres.
248—Stamm, A. C., V.-Pres.
7a—Stamm, J. C., Asst. Gen. Mgr
964—Stamper, J. D., Dist. Rd. Mast.
847—Stanage, B. H., Asst. Frt. Traf. Mgr.
964—Stanbery, F. E., Aud.
182—Standiford, A. W., M. M.
927b-Stanfiel, J. H., Gen. Mgr.
260, 950—Stanfield, W. G., Pur. Agt
640—Stanford, J., V.-Pres.
640—Stanford, J. T., Pres.
428—Stang, C. A., Asst. G. F. A.
716—Stang, T., Dist. Eng.
547b-Stanley, A., Chman. of Bd.
176—Stanley, C. A., Asst. Supvr. Trk.
186—Stanley, H. J., Eng. Hse. For.
940a—Stanley, H. W., Pres.
693b-Stanley, J. J., Str. Kpr.
58a-Stanley, O. G., Shop Supt.
886—Stanley, W. L., V.-Pres.
243—Stannard, E. T., V.-Pres.
930—Stansbury, H. E., Div. Eng.
428—Stansel, W. G., Sig. Insp.
628a, 628b—Stanton, C. E., Ch. Loco. Insp.
619—Stanton, G., Trav. Eng.
693a-Stanton, G. T., Tele. & Telo. Eng.
751b-Stanton, H. L., Supvr. Tel. & Sig.
771—Stanton, T., Gen. For. Car Dept.
1800a-Staples, C. F., Act. Dir. Value.
931a-Staples, C. M., Div. Eng.
693a-Staples, E. E., For. Paint. Loco. Dept.
697—Staples, T. G., Gen. Elec. Insp
1040—Stapp, W. A., M. M.
930—Starbuck, J. B., Rd. For. Eng.
693, 693c—Starbuck, R. D., V.-Pres.
549—Stark, C. L., Rd. Mast.
1905—Stark, F. H., Treas.
1704—Stark, F. R., Gen. Atty.
819—Stark, H. J. L., Pres.
549—Stark, P. W., Rd. Mast.
27—Starke, C. J., Gen. Mgr.
428—Starke, C. M., M. M.
433—Starkey, A. C., Supt.
751a-Starkey, J. A., For. Mach. Shops.
847—Starkey, J. C., Aud.
930—Starkey, J. W., Rd. Mast.
628a-Starkey, S. B., Str. Kpr.
195a-Starks, C., Rd. Mast.
549—Starks, H. E., Asst. Div. Supt.
757—Starkweather, F. E., Elec. Eng.
1009d-Starr, C. L., Sec.
176—Starr, F. A., Supvr. Reclm.
930—Starratt, F. S., Sig. Supvr.
299c-Starritt, W. A., Pur. Agt.
472—Start, D. B., Str. Kpr.
697—Startup, W. C., Aud.
275—Staub, A. E., Div. Supt.
751a-Stauffer, E. B., Gen. For.
808—Stauffer, H. C., Frt. Traf. Mgr
847—Staussing, C. Div. Str. Kpr.
1001c-Staver, C. A., Aud.
137—Stead, C. H., Gen. Supt. Tele. & Telo.
927b-Steadham, J. J., Supvr. B. & B.
1919—Steadwell, J. N., Memb.
840—Stearns, C. H., Pres.
482, 554—Stearns, J. S., Pres.
654a-Stearns, L. A., 1 V.-Pres.
510—Stearns, R. L., Car Acct.
482, 554—Stearns, R. L., Sec. & Treas., Sec.
606—Stebbins, H. S., V.-Pres.
362a-Stebbins, W. J., Sec. & Treas.
1369—Stebler, W. J., Traf. Mgr.
186—Stecher, C. G., Sig. Instr.
619—Stedji, W. H., Div. Eng.
1700—Stedman, E. A., V.-Pres.
47—Stedman, J. N., Str. Kpr.
382—Steel, R., Dist. Str. Kpr.
164—Steele, C., V.-Pres.
345—Steele, F. M., G. F. & P. A.
97—Steele, G., Str. Kpr.
575a-Steele, H., Pres.
1350, 1390a—Steele, H., Mgr.
715—Steele, H. C., Gen. Supt. Trans.
696—Steele, J. E., Asst. Supvr. Aux. Equip.
808—Steele, R. J., Supvr. Sig.
137b-Steels, W., Supvr. Sig.
40c-Steen, J. B., Val. Eng.
58b-Steen, L. S., Asst. Str. Kpr.
58a-Steen, W. E., Dist. Str. Kpr.
137c-Steeper, D. W., Supt.
795—Steer, W. R., Aud.
539—Steers, W., Trk. Supvr.
137a-Steeves, C., Gen. Boil. Insp.
137a-Steeves, F. O., Rnd. Hse. For.
137c-Steeves, G. R., Loco For.
877—Steffens, T. H., V.-Pres.
564—Steffens, W. H., Aud. & Pur. Agt.
931a-Stegall, E. D., Rnd. Hse. For.
523—Stehle, F. C., Gen. Brdg. Insp.
1536a-Stehlin, F. B., Traf. Mgr.
159—Stein, C. H., Asst. to Sr. V.-Pres.
1009c-Stein, H. A., M. M.
195b-Stein, H. L., Rd. Mast.
10b7a-Steinbach, J. R., Aud.
961—Steinberg, G. H., Treas.
40c-Steinberger, F. J., Div. Str. Kpr.
808—Steinberger, F. W., For Car Shops.
1001d-Steinel, C. J., Supt. Tel.
1039—Steiner, C. A., Supt. Wage Bur.

927b–Steiner, C. L., Gen. For.
194—Steiner, S. J., Eng. M. W.
616—Steinhagen, J., Supvr.
1864—Steinmayer, O.C., 1 V.-Pres.
428—Steinmeyer, H. E., Gen. For. Loco. Dept.
751a–Steins, C. K., Asst. M. M.
1005a–Steirer, A. S., Sec. & Aud.
180—Stelle, C. A., Res. Eng.
200—Stemm, J. R., Div. Supt.
139—Stenason, W. G., Gen. Air Brake Insp.
428—Stengel, L. H., Gen. For. Loco. Dept.
278—Stenger, E., Pres.
931—Stenhouse, R., M. M.
958a–Stenning, R., For. Paint.
322a–Stenson, W. E., Trk. Supvr.
286—Stepanski, J., Rd. Mast.
139—Stephen, G., Asst. Frt. Traf. Mgr.
874—Stephens, A. H., V.-Pres.
725b–Stephens, A. O., Asst. Traf. Mgr.
182—Stephens, E. S., G. F. A.
40a–Stephens, H. H., Shop Supt.
209—Stephens, J. J., For. Rnd. Hse
157—Stephens, J. W., Supvr. B. & B.
751a–Stephens, M. L., Asst. Supvr. Tel. & Sig.
981—Stephens, R., Eng. M. W.
847—Stephens, R. C., Arch.
235—Stephens, W., Sec.
617a—Stephens, W. R., Asst. to Pres. & Sec.
847—Stephenson, C. J., Asst. to Gen. Mgr.
201, 205a, 229, 434, 600, 692x, 771, 837, 984—Stephenson, E. F., Sec.
1001a–Stephenson, H. E., Div. Str. Kpr.
47—Stephenson, J., Asst. Eng.
627c–Stephenson, W., Pres. & Gen. Mgr.
931a–Stepleton, L., Rd. Mast.
349—Sterley, W. F., G. F. & P. A.
696—Sterling, P., Asst. to Eng. M. W.
271a–Sterling, R. S., Pres.
271a–Sterling, W. G., Sec.
195b–Stern, K. J., For. W. S.
79, 1880–Sternberg, A. S., M. C. B., Sec. & Treas.
883a–Sterne, G. D., G. F. & P. A.
186—Sterne, J. A., Car Act.
58a–Sterne, O. O., Asst. Rd. For. Eng.
1454—Sterr. T. C., Traf. Mgr.
1401—Sterrett, H. R., Mgr.
716—Steteklah, F. W., Asst. Gen. Aud.
563—Stetson, H. W., Gen. Supvr. M. W.
204b–Stetson, R. H., Rd. Mast.
195b–Steuber, A. A., Sig. Supvr.
139e–Stevens, A. E., Gen. Supt.
26—Stevens, A. J., Pres.
1850k–Stevens, A. P., Dist. Mgr.
58b–Stevens, C. G., Div. Supt.
819—Stevens, C. P., Gen. Mgr.
58b–Stevens, D. F., Gen. Supt.
229—Stevens, F. C., Rd. For. Eng.
837—Stevens, F. R., Prin. Asst. Eng.
692x–Stevens, F. W., Consult. Valua. Coun.
1055—Stevens, G. E., Supt.
97—Stevens, G. E., Supt. Shops.
279—Stevens, H. C., M. M.
1021—Stevens, H. C., Gen. Str. Kpr.
97—Stevens, H. E., Str. Kpr.
716—Stevens, H. E., Ch. Eng.
295—Stevens, H. G., Aud. & Traf. Mgr.
47—Stevens, H. R., M. M.
40a–Stevens, H. V., Asst. Gen. Boiler Insp.
980—Stevens, J., Rd. For. Eng.
632—Stevens, J. E., M. M.
304—Stevens, J. N., For. B. & B.
511—Stevens, J. T., V.-Pres.
693a–Stevens, J. W., Div. Eng.
964—Stevens, L. R., Gen. Rd. Mast
137b–Stevens, M. W., Dist. Str. Kpr.
204—Stevens, O. M., Asst. to Recr.
58b–Stevens, O. R., Rd. For. Eng.
1040—Stevens, R. N., Rd. Mast.
1858—Stevens, R. P., 2 V.-Pres.
191—Stevens, R. W., Gen. Supt.
871—Stevens, S. A., Gen. Mgr.
1593—Stevens, T. E., Pres.
40—Stevens, T. S., Sig. Eng.
583—Stevenson, D. S., V.-Pres.
886—Stevenson, F. C. Sig. Supvr
86a–Stevenson, J. E., Asst. Supt.
428—Stevenson, J. W., Asst. G. F. A
685—Stevenson, W. J., Asst. Gen. Coun. & Gen. Solr.
716—Stevenson, W. J., Aud.
229—Stevenson, W. T., Traf. Mgr.
751b–Steward, J. E., Sig. Insp.
40b–Stewart, A., Rd. Mast.
705—Stewart, A. D., Str. Kpr.
139g–Stewart, A. E., Rd. Mast.
137a–Stewart, A. F., Ch. Eng.
847—Stewart, A. P., Gen. Atty.
47—Stewart, A. W., Sig. Supvr.
958—Stewart, C. A., Sec. & Mgr.
137—Stewart, C. C., Dist. Supt.
137c–Stewart, C. E., Loco. For.
1850k–Stewart, C. F., Mgr. Troop Mov. Sect.
229—Stewart, C. P., Asst. Gen. Atty.
186—Stewart, C. S., Asst. to V.-Pres.
1598—Stewart, C. T., Dist. Supt.
395a–Stewart, D. A., Frt. Clm. Agt.
1389—Stewart, E. E., Traf. Mgr.
40c–Stewart, E. P., Div. Str. Kpr.
1067—Stewart, F. B., Pres.
708—Stewart, F. C., Supt.
186—Stewart, F. N., Div. Supt.
751a–Stewart, G. H., Supvr.
629—Stewart, G. K., Div. M. M.
195a–Stewart, G. S., Rd. Mast.
6—Stewart, H. B., Pres.
137c—Stewart, J., Loco. For.
380—Stewart, J., Gen. Mgr.
362—Stewart, J., Pres. & Gen. Mgr
139f–Stewart, J., Rd. Mast.
207—Stewart, J. A., Ind. Comr.
697—Stewart, J. B., Traf. Mgr.
137a–Stewart, J. C., Tie Agt.
47—Stewart, J. J., Rd. Mast
1835—Stewart, J. L., Comr.
629—Stewart, J. P., Gen Supvr. Air Brks.
549—Stewart, J. R., Supvr.
239—Stewart, J. T., Aud.
629—Stewart, J. W., Rd. Mast.
137a–Stewart, K., Asst. Supt.
40c–Stewart, K. R., Str. Kpr.
47—Stewart, L. M., Gen. Boiler Insp.
771—Stewart, L. S., Rd. For. Eng.
666—Stewart, L. W., Trk. Supvr.
790a–Stewart, M. B., Mech. Eng.
927a–Stewart, M. D., M. M.
386—Stewart, N. J., Car Act.
280—Stewart, R. D., Ch. Eng.
1275—Stewart, R. E., Traf. Mgr.
693c–Stewart, R. H., Str. Kpr.
40a–Stewart, R. L., Div. Str. Kpr.
137—Stewart, R. O., Asst. Eng. Bridge Stand.
751a–Stewart, R. S., Div. Eng.
681—Stewart, S. C., M. M.
751b–Stewart, S. E., Supvr.
751c–Stewart, T., Supvr.
58a–Stewart, T. R., Shop Supt.
137c–Stewart, V. E., Loco. For.
927b–Stewart, W. A., Trk. Supvr.
137e–Stewart, W. A., Dist. For. B. & B.
157—Stewart, W. E., Asst. G. F. A.
549—Stewart, W. G., Supvr. B. & B.
1598—Stewart, W. T., Pur. Agt.
579b–Steyaart, P., Treas.
139g–Stibbard, C. C., Asst. Supt.
683—Stiboit, V. A., Asst. Gen. Mgr.
1001a–Stickler, J. H., Rd. Mast.
549—Stidam, R. D., Supvr.
751a–Stidfole, Jr., B. F., Mast. Carp.
1051—Stidger, J. G., Treas.
520—Stidworthy, B. J., Asst. Sec. & Asst. Treas.
92a–Stier, A. H., Asst. Gen. Mgr.
741—Stiglen, T., Aud.
471—Stigall, E. E., Pur. Agt.
673—Stile, J., Ch. Surg.
434—Stiles, E. B., Asst. Ch. Eng.
628a–Stiles, W., Rd. Mast.
927a–Still, Jr., J. J., Asst. Eng. Maint.
137—Stillman, A. F., Supt.
930—Stillman, W. M., Asst. Div. Supt.
1306, 1307—Stillwagon, M., Traf. Mgr.
751—Stillwell, J., Asst. Gen. Coun.
549—Stilwell, W. H., Asst. Sig. Eng.
58—Stimson, E., Ch. Eng Maint.
751c–Stimson, F. J., Asst. Ch. Eng. M. W.
878—Stinchfield, L., For. Mach. Shop.
903—Stine, B. F., M. M.
275—Stine, F. A., Supt. Din. Cars.
927a–Stine, H. H., Trk. Supvr.
434—Stineman, J. C., Ch. Clm. Agt
930—Stinger, C. W., Asst. G. P. A.
742—Stingley, T. W., Pres.
1021—Stinson, C. H., Frt. Traf. Mgr.
629—Stinson, J. T., Dir. Agri. Develop.
386—Stinson, T. A., Str. Kpr.
139c–Stinson, W. J., Asst. Supt.

442—Stites, E. S., Rd.Mast.
540, 899—Stith, R. W., Compt., Compt., Sec. & Treas.
498—Stivers, S. C., Sec.
756—Stock, E. F., G. F. & P. A.
137b—Stock, H., Car For.
619—Stock, P. J., Gen. Acct.
47—Stockard, S. A., Gen. Supt. Trans.
139, 487—Stockdill, C. E., Asst. to V.-Pres., Asst. to Pres.
693c—Stocker, J. A., Ch. Eng.
137c—Stockham, J. Loco. For.
439—Stockhoff, C. W., M. M.
1864—Stocking, E. J., Sec. & Treas.
964—Stockman, C., Dist Rd. Mast.
806—Stockton, C. H., Rd. Mast.
61, 539, 751—Stockton, E. A., Compt.
927b—Stockton, J., M. M.
209—Stockwell, C. D., Asst. Div. Supt.
137g—Stockwell, G. W., Asst. Ch. Surg.
809—Stoddard, W. Y., V.-Pres. & Gen. Mgr.
362—Stoeckly, E., Supt., M. M. & Ch. Eng.
615—Stoelting, E. F., Aud.
46—Stoilberger, P., M. M.
842—Stohr, S. E., G. F. & P. A.
997—Stokely, J. T., Gen. Solr.
824—Stoker, G. M., Ch. Eng.
193—Stokes, A. H., Asst. Supt.
137c—Stokes, C. R., Car For.
931a—Stokes, C. W., Trav. Eng.
137b—Stokes, G. A., Supt. Term.
674—Stokes, J. G. P., Pres.
1583a—Stokes, J. P., Traf. Mgr.
37—Stokes, R. T., Aud.
927b—Stokes, T. N., Trk. Supvr.
960a—Stokes, W., Gen. Coun.
178—Stokes, W. E. D., Pres. & Gen. Mgr.
229—Stokley, R. B., Asst. Div. Eng.
1800—Stoll, A. W., Ch. Clerk.
693b—Stoll, C. F., Gen. For. Car Dept.
693b—Stoll, R. W., Rd. For. Eng.
204a—Stolp, G. E., Asst. G. F. A.
229, 1850d—Stoltz, C. F., Sig. Eng., 2 V.-Chman.
693a—Stoltz, J., Asst. Sig. Supvr.
322a—Stone, A. K., Safety Supvr.
927b—Stone, A. W., Jr. Eng. Maint.
629—Stone, C., Rd. Mast.
587—Stone, C. E., M. C. B.
409—Stope, C. H., Aud.
629—Stone, C. L., Pass. Traf. Mgr
1890—Stone, E. E., Comr.
696—Stone, E. E., Sig. Supvr.
298, 619—Stone, E. T., Pur. Agt.
428—Stone, G. H., Gen. For. Car Dept.
42—Stone, G. L., Chman.
207—Stone, G. M., Gen. For. Loco. Dept.
207—Stone, H. E., Rd. For. Equip.
930—Stone, H. M., Sig. Supvr.
930—Stone, J. E., M. M.
705—Stone, J. L., Supvr. Sig.
521—Stone, J. L., R. E. Agt.
275—Stone, J. M., Rd. For. of Eng.
751—Stone, J. W., Valua. Eng.
137b—Stone, L. J., Asst. Eng.
693a—Stone, L. W., Supvr. B. & B.
1001a—Stone, M. L., Aud.
666—Stone, N. O., Trk. Supvr.
389—Stone, R., Trav. Eng.
289—Stone, W. C., V.-Pres.
639—Stone Burner, W. J., V.-Pres. & Gen. Mgr.
695b—Stonecifer, H. L., Div. Supt.
927b—Stonecipher, L. A., Trk. Supvr.
1001d—Stonehocker, C. E., Rd. Mast.
274—Stoner, H. A., Asst. Eng.
961—Stoner, K. S., Ch. Valua. Dept.
952—Stopper E. V., Aud. & Gen. Mgr.
137a—Storey, K. C., Str. Kpr.
40, 395, 1350—Storey, W. B., Pres. Bd. Dir.
960a—Storie, J. F., Trk. Supvr.
322a—Storms, J. H., For. Sig. Maint
322—Storms, W. S., Asst. Sig. Eng.
1828—Storts, J. W., Comr.
1858—Storts, L. S., Mng. Dir.
137c—Story, C., Rd. Mast.
342—Story, E. D., Supvr. B. & B.
927b—Story, G., Asst. Eng. Maint.
157—Story, J. W., Ch. Draftsman
274—Story, W. G., G. F. A.
808—Stotesbury, E. T., Chman.
1830a—Stotesbury, L. W., Coun.
629—Stothers, Wm., Gen. For. Shops.
716—Stotler, A. F., Dist. Eng.
396a—Stott, R. A., Sec.
137b—Stott, W. A., Rd. For. Eng.
647, 840, 1055—Stoughton, H. C., Asst. Treas. & G. F. & P. A., Asst. Treas. & G. F. & P. A., G. F. A.
186—Stoughton, W. P., Supvr. Mail & Exp. Serv.
198—Stoup, E. E., Div. Supt.
982a—Stout, B. M., Supvr. Trk.
631—Stout, F. D., Pres.
1839—Stout, H. B., Atty.
716—Stout, H. M., Rec. Eng.
676—Stout, J. E., Sec. & Aud.
1701—Stout, W. S., Pres.
403—Stout, W. S., Pres.
938—Stoutenborough, H. W., Traf. Mgr.
240—Stovall, A. T., Pres.
629—Stover, C. E., Scale Insp.
737b—Stover, F. D., Asst. to Gen. Mgr.
808—Stover, R. G., Str. Kpr.
176—Stowasser, W. H., Str. Kpr.
751a—Stowe, H. D., Supvr.
693c—Stowell, L. M., Str. Kpr.
82—Strachan, C. J., Gen. For.
58—Strachan, S., Asst. to Gen. Frt. Traf. Mgr.
137b—Strachan, W. G., M. M.
508, 716—Strachan, W. H., Pres., Gen. Supt.
275—Strackbein, L. O., Rd. For. Eng.
200—Stradling, E. G., Supt. Tel. & Sig.
731—Strahorn, R. E., Pres.
413—Strain, C. E. Gen. For. Car Dept.
394a, 420—Strain, C. W., G. P. A.
204b—Strand, A. Gen. Car For.
382—Strand, A., Asst. Mast. Carp.
657—Strang, M. E., Aud.
563—Strange, F. L., Supt. C. S.
176—Strank, E. G., Rd. For. Eng.
229—Strapp, J. J., Rd. For. Eng.
198a—Strasser, T., Aud.
1021—Strasser, L. H., Asst. Gen. Solr
204—Strate, T. H., Eng. Trk. Elev.
886—Strath, G., Rnd. Hse. For.
929a—Stratton, A. J., Gen. Mgr.
1029a—Stratton, A. K., Sec., & Treas.
137b—Stratton, V. M., Str. Kpr.
751a—Strauser, J. H., For. Car Shops.
933a—Strauss, A. J., Ch. Elec.
207—Strauss, B., Rd. For. Equip.
9—Strauss, J. B., Consult. Eng.
927—Strauss, L., Asst. Aud.
693a—Strauss, M. H., M. M.
195a—Strauss, W. A., Rd. For. Loco.
58a—Straw, B. W., Supvr. Rd.
1031a—Strawn, J. H., Sec. & Treas.
1031a—Strawn, M. E., V.-Pres.
180—Strawn, S. H., Coun. for Recr.
770—Street, H. N., Gen. Mgr.
886—Street, O. B., Aud.
186—Streich, E. A., Eng. Hse. For.
1001b—Streicher, G. W., Aud.
200—Streit, R. G., Compt.
136—Streng, W. E., Compt.
1851b—Streyer, J. A., Traf. Mgr.
808—Strickland, B. V., Ch. Sig. Insp.
536—Strickland, H. M., Ch. Surg.
1291a—Strickland, H. W., Traf. Mgr
40a, 40b—Strickland, W. W., Aud.
693b—Strine, E. H., Supvr. Trk.
1039—Stringer, W. T., Supt. Rel. Dept.
886—Stringfellow, S. P., Asst. Frt. Traf. Mgr.
869—Strobhar, A. D., Pres.
1011—Strock, D. F., V.-Pres.
629—Stroeh, E. F., Shop. Supt.
927a—Strohecker, C. C., For. Car Rep
1051—Strohl, J. D., Rd. For. Eng.
40—Strohm, C. B., Supt. Trans.
1001c—Strohmeyer, T. M., Sta.
927b—Strolin, H. W., Gen. For.
204a—Strong, C. R., Asst. Eng.
1001d—Strong, F., Term. Eng.
1020c—Strong, G. T., M. M.
883a—Strong, J. L., Aud. & Treas.
997—Strong, M. R., Brdg. Eng.
898—Strong, R. W., G. F. & P. A.
1867—Strong, S. J., Sec. & Treas.
737d—Stroop, C. E., Asst. Treas.
58a—Strople, G. H., Supvr. of Rd.
1490—Strother, G. O., Traf. Mgr.
209—Strothers, R. R., Asst. Eng.
176—Strow, H. L., Gen. For.
200—Struble, J. T., M. M.
927b—Strunk, N., Trk. Supvr.
847—Strupper, J. M., Asst. G. F. A.
125—Struss, W. K., G. F. A.
751b—Stryker, C. E., Asst. to Eng. M. W.
1050—Stryker, J. H., M. M.
656, 1050—Stryker, P. E., Gen. Mgr.
58a—Stuart, B. B., Str. Kpr.
1635—Stuart, D. R., Asst. Treas.

314—Stuart, F. C., Sig. Eng.
137b—Stuart, H. B., Valua. Eng.
195—Stuart, J. G., Gen. Str. Kpr.
806—Stuart, R. T., Gen. For. Shop.
382—Stubblefield, J. M., Loco. For.
927b—Stubbs, H. G., M. M.
628a, 628b—Stubbs, R. M., Brdg. Eng.
40b—Stucke, C. F., Gen. For.
394a—Stuckert, H. E., Asst. Eng.
894a—Stuckey, C. L., Asst. Eng.
432, 432a—Studebaker, Jr., C., Pres.
629—Studer, L. L., Insp. Strs.
751a—Stump, H. N., Supvr. Tel. & Sig.
186—Stump, J. C., Gen. For.
472—Stump, O. E., Trav. Eng.
1021—Stumpf, J. E., Supt.
1590—Stumpf, R. B., Traf. Mgr.
139—Sturdee, E. F. L., Asst. G. P. A.
207—Sturdevant, A. H., Asst. Eng
616—Sturdevant, E. J., Supt. Trans
195, 137b—Sturgis, C. I., V.-Pres., Sec. & Treas., Treas.
851—Sturgis, Q., M. M.
137c—Sturgis, W. J., Fuel Agt.
275—Sturm, O., Gen. For. Mot. Pow. Dept.
808—Sturman, J. T., Supvr.
382—Sturner, H. J., Aud.
139—Sturrock, A., Asst. S. M. P
322c—Sturrock, D. L., Ch. Police.
619—Sturtevant, C. G., Tax Comr.
506—Sturzinger, O. R., Gen. Supt.
723—Stutler, W. C., Frt. Clm. Agt
927—Stutts, E. E., Div. Str. Kpr.
82—Styers, J. V., G. F. A.
47—Styers, J. W., Asst. Ch. Tle & Lumber Supvr.
751—Sudborough, C. B., Gen. Traf. Mgr.
886—Sudler, C. E. H., Asst. Eng.
751c—Suesse, C. W., Supvr. Tel. & Sig.
58c, 985—Suesserott, J. L., Div. Eng
47, 1866—Sugg, C. R., Elec. Eng., V.-Pres.
616—Suggett, W. G., Str. Kpr.
1076—Suggs, B., Rd. Mast.
476—Suggs, J. T., Sec., Gen. Atty.
97—Sughrue, T. G., Supvr. B. & B.
501, 899—Sugrue, J. F., Supt., Gen. Supt.
751a—Suhrie, N., Rd. For. Eng.
449—Sullivan, C., Sec. & Treas.
1039a—Sullivan, C. O., Traf. Mgr.
395a—Sullivan, C. S., For. Paint.
207—Sullivan, E., Rd. Mast.
1040—Sullivan, E., Rd. Mast.
738—Sullivan, F. E., Gen. Mgr.
466a—Sullivan, F. L., Traf. Mgr.
47—Sullivan, F. M., Asst. Str Kpr.
207—Sullivan, F. P., Gen. For. Loco. Dept.
1683a—Sullivan, G. D., Pur. Agt.
137g—Sullivan, H. F., Supvr. Trk.
929—Sullivan, H. P., Gen. For.
137—Sullivan, J., Dist. Supt.
382—Sullivan, J. A., Dist. Rd. Mast
1021—Sullivan, J. A., Asst. G. F. A.
186—Sullivan, J. D., Rd. Mast.
1057c—Sullivan, J. D., Aud.
523—Sullivan, J. F., Asst. Gen. East. Frt. Agt.
931a—Sullivan, J. F., Asst., G. P. A.
666—Sullivan, J. J., Supt. Machy.
1001—Sullivan, J. L., Gen. Trav. Str. Kpr.
382—Sullivan, J. P., Asst. Supt. Trans.
98—Sullivan, J. R., Supt.
123—Sullivan, J. T., Rd. For. Eng.
1858d—Sullivan, J. V., 1 V.-Pres.
860a—Sullivan, L. J., Rd. Mast.
696—Sullivan, M., Trk. Supvr.
139e—Sullivan, M. J., Rd. Mast.
929—Sullivan, P. F., Supvr. Trk.
297—Sullivan, P. M., Trav. Eng.
751c—Sullivan, P. W., Div. Supt.
619—Sullivan, R. D., Rd. Mast.
563—Sullivan, S., Supvr. Sig.
126—Sullivan, T. A., V.-Pres.
931a—Sullivan, T. F., M. M.
428—Sullivan, T. H., Supt.
696—Sullivan, W. F., Trk. Supvr.
693b—Sullivan, W. H., Gen. Supt.
44—Sullivan, W. R., Sec. & Treas.
198—Sullivan, W. W., Asst. to Pres
751a—Sumerfield, V. P., Asst. G. F. A.
1591a—Sumerwell, L. D., Traf. Mgr.
428—Summerhays, W. A., Lumber & Tie Agt.
695c—Summers, C. B., Rd. For. Eng.
204—Summers, E. J., Fuel Supvr.
40a—Summers, F. E., Div. Supt.
886—Summerson, G. R., Aud.
1700—Summy, C. D., V.-Pres.
751a—Sumner, A. W., Gen. For.
751a—Sumner, E., Supt. M. P.
705a—Sumner, F. T., Rd. For. Eng.
298, 619—Sundell, C. F., Supt. Sl. & Din. Cars.
137b—Sunderland, F. J., Str. Kpr.
137b—Sunderland, J. J., Supt. Trans.
413—Sunderman, H. B., Gen. For.
382—Sundstrom, C., Div. Rd. Mast.
382—Sundstrom, C. H., Loco. For.
274—Supernant, O., Rd. Mast.
751b—Supplee, W. D., Supvr.
350, 847—Surles, J. W., M. M.
275—Surplus, H., Gen. For. Car Dept.
322b—Sutherby, A., M. M.
1001c—Sutherland, C. G., Asst. to Gen. Mgr.
705—Sutherland, C. P., Str. Kpr.
204—Sutherland, C. R., Asst. Gen. Solr.
600—Sutherland, H. F., Div. Str. Kpr.
481—Sutherland, H. F., Supt.
675, 879a—Sutherland, H. J., Sec. Treas. & Pur. Agt., Sec., Aud. & Pur. Agt.
40c—Sutherland, J., Gen. For. Car Dept.
137c—Sutherland, J., Car For.
929e—Sutherland, J., M. M.
771—Sutherland, L., Gen. Str. Kpr.
931a—Sutherland, L., Rd. Mast.
568—Sutherland, M., Sig. Eng.
968a—Sutherland, R., Sec.
737g, 1849a—Sutherland, W. H., Pres., Min. of Rys.
751c—Sutherlin, H. B., Supvr.
756a—Sutliff, W., Pres. & Treas.
48a—Sutphen, H. R., V.-Pres.
179—Sutphen, W. P., Asst. Treas.
810—Sutro, R., V.-Pres.
236—Sutton, C. E., V.-Pres.
58a—Sutton, C. G., Str. Kpr.
1689—Sutton, F. M., Traf. Mgr.
137c—Sutton, J. A., Asst. Fuel Agt.
751a—Sutton, J. F., Asst. Supvr. Tel. & Sigs.
137c—Sutton, M. W., Car For.
629—Sutton, R. G., Insp. Water Serv.
616—Svec, F. J., Supvr.
1001a—Svenson, K. A., Gen. Car Insp
751a—Swab, J. J., Rd. For. Eng.
434—Swafford, F. G., Supt.
751b—Swain, A. E., Supvr.
847—Swain, B. W., Gen. For.
521—Swain, F. T., Asst. Pur. Agt.
137—Swalwell, J. G., Aud.
523—Swan, L. W., Supvr. B. & B.
204a—Swane, C. J., Asst. Eng.
883—Swango, C. M., Gen. Supt.
139b—Swanney, D., B. & B. Mast.
139f—Swanson, A., Rd. Mast.
195—Swanson, A. G., Gen. Piece Work Insp.
139f—Swanson, A. J., Rd. Mast.
307a—Swanson, B. F., Aud.
195—Swanson, C. E., Str. Kpr.
204a—Swanson, F. J., Gen. Car For.
204a—Swanson, G., Rd. Mast.
1001a—Swanson, J. E., Rd. Mast.
927b—Swanson, H. C., Gen. For.
58b—Swanson, L. C., Supvr. Rd.
382—Swanson, O., Car For.
195b—Swanson, W. W., Sig. Supvr.
629—Swartout, W. C., Sr. Asst. Eng.
579—Swartz, G., Rd. Mast.
137b—Swartz, H. C., Supt. B. & B.
457—Swartz, M. A., Elec.
1029—Sweany, W. F., Supt.
180—Swearengin, F., Tle & Timber Agt.
473—Swearingen, B. L., Ind. Agt.
1433a, 1683a—Sweeley, E. A., Mech. Supt.
539—Sweeley, E. H., Gen. For. Loco. Rep.
182, 1911—Sweeney, J., Supvr., Treas.
739a, 192—Sweeney, J. D., Car Acct., Sec.-Treas.
693b—Sweeney, J. W., Supvr. Trk.
198—Sweeney, T. A., Div. Supt.
159—Sweeney, W., Asst. Supt.
1598—Sweet, C. S., Asst. Sec.
930—Sweet, A. E., Asst. Gen. Mgr.
676—Sweet, P., Ch. Surg.
204b, 248a—Sweet, R. W., Asst. Eng., Ch. Eng.
927a—Sweetman, E. M., Supt. M. P.
751—Sweeton, F. C., Asst. R. E. Agt.
195a—Sweney, D. R., Rd. For. Loco.
373, 621, 716—Sweney, F. W., Compt.
751b—Swenk, R., Div. Eng.
349—Swensen, F. A., Asst. G. F. A.
619—Swenson, A. M., Asst. Div. Eng.
751b—Swenson, J. F., Supvr.
751a—Swenson, J. W., Supvr.
693a—Swetland, P. G., Sig. Supvr.

204a-Swift, A. O., Sig. Supvr.
204c-Swift, C. J., Pur. Agt.
275-Swift, D., Gen. Atty.
79-Swift, E. D., Eng. M.W.
1647-Swift, E. F., Pres.
523-Swift, J. J., Asst. Div. Supt.
864, 1006-Swift, L. F., Pres.
47-Swindell, J. C., Asst. Dist. Supt.
1039a-Swinehart, H. V., Elec. Eng.
473-Swinney, E. F., Treas.
860a-Swittenberg, E. C., Rd. Mast.
1800a-Switzer, J. B., Appointment Clerk & Personnel Off.
353-Switzer, J. H., Recr.
600-Switzer, J. W., G. P. A.
556-Swobe, D. M., V.-Pres. & Traf. Mgr.
751a-Swonger, W. A., Asst. Supvr. Tel. & Sig.
751b-Swope, B. M., M. M.
757-Swope, D. J. Supt.
1079-Swords, J. W., Aud.
176-Sydnor, T. C., Str. Kpr
176-Sydnor, W. O., Asst. G. F. A
357-Syfan, T. J., Car Acct.
771-Sykes, A. H., Safety Agt.
629-Sykes, A. R., Div. M. M.
306a-Sykes, G. E., Eng. Pow. Dept.
611a-Sykes, G. R., Rd. Mast.
381-Sykes, G. W., Gen. Mgr.
394a-Sykes, J., Rd. Mast.
381-Sykes, R. O., Supt.
886-Sykes, V., Dist. Eng.
381-Sykes, W. C., V.-Pres. & Pur. Agt.
381-Sykes, W. L., Pres.
137b-Sylvain, J. C., Str. Kpr.
598-Symonds, J., Supt.
598-Symonds, W. C., M. M.
274-Symons, H. L., Rd. For. of Eng
1547-Synan, J. W., Traf. Mgr.
662b-Syrett, W. S., Pres. & Gen. Mgr.
507-Syverson, A., Supt.

T

195a-Tabbert, H., Rd. Mast.
933-Taber, E. G., Ch. Eng.
540-Taber, W. R., Pur. Agt.
186-Tabert, A. W., Rd. Mast.
1700-Taft, G. A., Gen. Mgr.
1406a, 1507b-Taggart, H. J., Traf. Mgr.
58a, 58b-Taggart, J. P., Asst. G. P. A
773-Tait, E. E., Pres.
629-Tait, R. H., Div. M. M.
392-Talbot, F. J., Supt. Stores.
1024a-Talbot, G. W., V.-Pres.
97-Talbot, J., Track Supvr.
40b-Talbot, J. L., Gen. For. B. & B.
757-Talbott, J. O., Asst. Gen. Aud.
705-Talbott, J. R., Supt. C. S.
58-Talcott, H. R., Asst. Ch. Eng.
693-Talcott, W. E., Gen. Land & Tax Agt.
42-Taliaferro, C. F., Gen. Clm. Agt.
1557a-Talley, C. A., Traf. Mgr.
931a-Talley, W. A., Sig. Supvr.
931a-Tallichet, E. L., Insp. Fire Prev.
382-Tallmadge, G. E., Asst. Gen. Str. Kpr.
693a-Tallman, C. H., Str. Kpr.
46-Tallman, W., Treas.
428-Tallon, J. S., Gen. For. Car Dept.
1015a-Tally, R. E., Pres.
275-Tallyn, L. L., Div. Eng.
697-Talmadge, I. D., Rd. Mast.
523-Talty, P. J., Asst. Rd. For. Eng.
930-Tanguey, J., Rd. Mast.
800-Tanguay, J. E., Gen. Mgr.
58-Tanner, S. C., Supt. Shops.
757-Tannerewitz, J. F., Loco. For.
139c-Tansley, W., Trans. Asst.
195a-Tanzer, W., Asst. G. P. A.
137c-Tapley, F. B., Eng. M. W.
774a-Taplin, C. F., Gen. Coun.
774a-Taplin, F. E., Chmn. of Bd. & Pres.
279, 1889-Tapp, W. J., Fuel Supvr., V.-Pres.
1001e-Tappan, G. R., Pres. & Gen. Mgr.
428-Tarbet, W. L., Land & Tax Comr.
874-Tarbutton, B. J., Gen. Mgr. & Car Acct.
879b-Tarbutton, R. C., Pur. Agt.
683-Tarut, F. M., Str. Kpr.
751a-Tasker, A. H., Supvr. Tel. & Sig.
40b-Tasker, W. S., Div. M. M.
927-Tassin, J. S., Aud.
927-Tate, A. E., Asst. to Treas.
751-Tatnall, H., V.-Pres.
699b-Tattersall, C. A., Sec.
693a-Tattershall, E. R., Supvr. Piers & Bldgs.
58a-Tatum, D. H., For. Paint. Loco. Dept.
93a-Tatum, F. M., Gen. Mgr.
58-Tatum, J. J., Gen. Supt. Car Dept.
886-Tatum, R. L., Div. Eng.
93a-Tatum, W. O., V.-Pres.
93a-Tatum, W. S., Sec. & Treas.
93a-Tatum, W. S. F., Pres.
24, 284, 979, 1091-Taussig, J. E., Pres., V.-Pres.
670-Tavera, J., Mech. Eng.
927-Tavlin, E. L., Div. Str. Kpr.
927-Tayloe, W. H., Pass. Traf. Mgr.
137c-Taylor, A., Loco. For.
14a-Taylor, A., Sec.
529-Taylor, A. A., Asst. to Gen. Pur. Agt.
767-Taylor, A. B., Pres.
693a-Taylor, A. B., Supt. Tel.
629-Taylor, A. R., Supt.
600-Taylor, B., Rd. Mast.
279-Taylor, B. H., Asst. Frt. Traf. Mgr.
549-Taylor, B. M., Value. Eng.
974-Taylor, C., V.-Pres.
420-Taylor, C. A., Aud.
176-Taylor, C. A., Asst. Supt. Sig
862-Taylor, C. A., V.-Pres.
632-Taylor, C. C., Asst. G. F. A
600-Taylor, C. E., Elec. Supvr.
40a-Taylor, C. E., Supt. Term.
176-Taylor, C. F., Aud.
705-Taylor, C. P., Elect. Eng.
47-Taylor, C. S., Shop Supt.
207-Taylor, D., Gen. Atty.
395-Taylor, E. E., Div. Supt.
860a-Taylor, E. L., Rd. For. Eng.
139b-Taylor, E. S., Sig. Supvr.
176-Taylor, E. S., For. Car Dept.
139-Taylor, F., R. of W. & Tax Agt
139f-Taylor, F., Mast. B. & B.
186-Taylor, F. B., Div. Str. Kpr.
58a-Taylor, F. A., Mast. Carp.
751a-Taylor, F. C., Gen. Car Insp.
716-Taylor, F. J., Dist. Eng.
930-Taylor, F. W., Pur. Agt.
137b-Taylor, G., Supvr. Sig.
693-Taylor, G. E., Coal Frt. Agt.
176-Taylor, G. H., Gen. Car Insp.
930-Taylor, G. M., Asst. Div. Eng.
176-Taylor, Jr., H., Gen. Solr.
279-Taylor, H., Mast. Carp.
322-Taylor, H. A., Gen. Solr.
48a-Taylor, H. A. G., Compt.
434-Taylor, H. C., Gen. For. Car Dept.
139-Taylor, H. C., Supt. Trans.
473-Taylor, H. F., Sec. & Pur. Agt.
1826-Taylor, H. G., Comr.
927a-Taylor, H. N., Trk. Supvr.
860a-Taylor, H. P., Asst. Aud.
693a-Taylor, H. W., Supt. Dia. Serv.
475-Taylor, J., Gen. Atty.
159-Taylor, J. A., Compt.
647-Taylor, J. G., Spec. Eng.
47-Taylor, J. H., Str. Kpr.
479, 962-Taylor, J. J., Supt. B. & B.
751b-Taylor, Jr., J. L., Div. Eng.
239-Taylor, J. P., Pres. & Gen. Mgr.
137c-Taylor, J. R., Supt. Car Shops
449-Taylor, J. S., Str. Kpr.
767-Taylor, J. T., Gen. Mgr.
1849d-Taylor, L. B., Sec.
1598-Taylor, L. S., V.-Pres. & Comp.
428-Taylor, M. G., For. Paint.
33b-Taylor, N. C., Sec. & Treas.
737f-Taylor, O., Asst. Supt.
599b, 600a-Taylor, R. C., Supt. Equip., M. M.
696-Taylor, R. E., Off. Eng.
176-Taylor, R. M., Str. Kpr.
715-Taylor, R. T., Supt. Icing Fac.
1800a-Taylor, R. V., Comr.
58-Taylor, R. W., Asst. Sig. Eng.
599b, 600a-Taylor, R. W. O., Pur. Agt.
1817-Taylor, S., Comr.
927b-Taylor, S. A., Trk. Supvr.
413-Taylor, S. B., Ch. Surg.
176-Taylor, S. L., For. Car Dept.
629-Taylor, S. O., M. C. B.
45-Taylor, T. F., Frt. Clm. Agt.
569-Taylor, T. S., Gen. Mgr.
137c-Taylor, W., Car For.
1065-Taylor, W., Sec.
930-Taylor, W. J., Gen. For. Loco. Shops.
465a, 468b-Taylor, W. R., Gen. Mgr., Gen. Mgr. for Recr.
133-Taylor, W. S., Gen. Traf. Agt
176-Taylor, W. S., Div. Supt.
229-Taylor, W. T., Res. Eng.
927b-Teaford, J. B., Supvr. B. & B.
632-Teague, A. R., M. M.
886-Teague, O. R., Div. Supt.
137e-Teague, R. S., Loco. For.

176—Teal, J. E., Spec. Eng.
137b—Teale, C., Car For.
1041—Tebbens, W. G., Gen. Aud.
58a—Tederick, H. H., Supvr.
58—Teders, J. T., Asst. Eng.
847—Teed, E. A., Asst. Supt.
58b—Teed, F. A., Gen. For Car Dept.
629—Teeter, C. W., Rd. For. Eng.
847—Teeters, C. E., Gen. For. B. & B.
472—Tefft, R. H., Asst. Eng.
195a—Tegeler, F. A., Sig. Supvr.
186—Tenan, J., Rd. Mast.
1003—Teichart, E. G., Rd. Mast.
1051—Telfer, A. C., Rd. Mast.
927—Telford, A., Asst. Gen. Pur. Agt.
640—Telgener, W. J., Aud. & Supt.
207—Teller, C. B., Rd. Mast.
597—Tellez, D., Car Acct.
555, 970—Temple, A., V.-Pres.
139—Temple, C. H., Ch. M. P. & R. S.
751—Temple, E. B., Asst. Cn. Eng.
774a—Temple, H. H., Ch. Eng.
693c—Temple, J. E., Supvr.
439—Temple, L. E., Mech. Eng.
395—Temple, M. F., Prin. Asst. Eng
137c—Temple, R. H. M., Reg. Coun. & Gen. Clm. Agt.
970—Temple, T. L. L., Pres.
82—Templeton, E. S., Asst. Gen. Coun.
666—Templeton, W. G., Supt.
1808—Tench, J. H., Rate Expert.
681a—Ten Eyck, R. C., V.-Pres. & Gen. Mgr.
600—Tenkonohy, F. V., Div. Str. Kpr.
597—Tennant, C., Sec.
819—Tennant, J. A., V.-Pres.
540, 899—Tennant, J. D., V.-Pres.
207—Tenney, J. W., Rd. For. Equip.
195a—Terhune, B. A., Rd. Mast.
382—Terhune, N., Asst. Sec. & Asst. Treas.
186—Terpning, B. E., Gen. Supt.
821a—Terrant, T. L., Supt.
40c—Terrass, M B., Office Eng.
176—Terrell, C. H., Asst. to Ch. Mech. Off.
1840—Terrell, C. V., Comr.
394a—Terrell, R., V.-Pres. & Sec.
1702—Terrell, W. F., Gen. Mgr.
670—Terroba, I. J., Gen. Aud.
847—Terry, A., Div. Rd. Mast.
579b—Terry, G. E., Supt.
922b—Terry, J. T., Rd. For. Eng.
960a—Terry, J. T., Aud.
409—Terry, R. B., V.-Pres.
693, 693c, 1854—Terry, W. A., Frt. Traf. Mgr., Traf. Mgr., 1 V.-Pres.
176—Terry, W. H. R., Supvr. B. & B.
815—Terry, W. P., Asst. Sec.
696—Terwilliger, G. E., Supvr. Aux. Equip.
182—Tesch, W. J., Rd. For. Equid
180—Teschmacher, C. M., Asst. G. F. A.
958a—Teskey, H. W., Aud.
472—Tessmer, J. C., For. Car Dept
198—Test, C. E., Gen. For.
382—Tetu, V. A., Car For.
947—Teufel, M. W., V.-Pres.
751a—Teufel, W. O., M. M.
47—Tew, B. D., Rd. Mast.
866—Tew, F. J., Supt., Mech. & Elec. Rep.
629—Tewksbury, D. G., Supvr. B. & B.
616—Teyro, G., Supvr.
816—Teyro, J., Supvr.
695c—Thacker, C. N., Str. Kpr.
133a—Thacker, I. N., Sec., Treas. & Pur. Agt.
873—Thacker, L. H., M. M.
1800—Thacker, O., Asst. to Compt.
685—Thames, T. R., Clm. Agt.
229—Thatcher, L. B., Str. Kpr.
384—Thatcher, M. D., Treas.
886—Thayer, A. M., Rnd. Hse. For
127—Thayer, B. B., V.-Pres.
148a—Thayer, E., Pres.
309—Thayer, J. E., Pres.
802—Thayer, L. H., Supt.
756—Thayer, O., Rd. Mast.
229—Thayer, O. H., Supvr. Sig.
440a—Thayer, Jr., R., Treas.
275—Thayer, V. D., Car Acct.
751a—Thayer, W., Coal Traf. Mgr.
33a, 34—Theis, Jr., G., Pres.
808—Theiss, A. M., Sig. Insp.
751b—Theiss, J. R., Asst. Supvr Tel. & Sig.
137b—Theobald, B. J., Car For.
137b—Theobald, E. G., Dist. Car For
16—Theophilus, R., Treas.
395a—Therrell, G. H., Gen. Str. Kpr
428—Thetford, R., Supvr.
7c—Thetford, W. F., Pres. & Gen. Coun.
199—Theurer, P. S., V.-Pres.
716—Thian, P. E., Valua., Eng.
322a—Thibaut, G., M. M.
628a—Thickitt, A. R., Gen. Clm. Agt
195a, 1935—Thiehoff, W. F., Gen. Mgr., Pres.
204a—Thiele, W. J., Gen. Supt.
705—Thierry, M., For. Paint.
693b—Thill, E. J., Asst. Gen. Supt. R. S.
739—Thiry, E. J., Aud.
930—Thistle, B. O., Rd. Mast.
1850, 1867—Thom, A. P., Gen. Coun.
1867—Thom, A. P., Jr., Gen. Solr.
986a—Thomas, B., Aud.
847—Thomas, B. E., Asst. G. F. A.
927b—Thomas, C. D., Asst. G. F. A.
699a—Thomas, C. F., Supt.
434—Thomas, C. K., Aud.
626a—Thomas, C. M., Gen. Aud.
611a—Thomas, C. S., Aud. & Traf. Mgr.
1839—Thomas, D. B., Sec.
751c—Thomas, E. A., Ch. Sig. Insp
626a, 947—Thomas, E. H., Treas.
176—Thomas, E. L., Gen. Mast. Boilermaker.
176—Thomas, E. M., Compt.
927a—Thomas, E. W., Gen. For.
40—Thomas, F. W., Supvr. Apprentices.
549—Thomas, G. C., Supvr.
39, 313, 344a, 708, 807a, 972—Thomas, G. F., Traf. Mgr.
47—Thomas, G. G., Eng. Brdgs.
40—Thomas, G. K., Jr. Asst. Sig. Eng.
751a—Thomas, G. M., Rd. For. Eng.
523—Thomas, G. W., Div. Str. Kpr
204a—Thomas, H. J., Asst. Sig. Supvr.
886—Thomas, H. S., Eng. Const.
654a—Thomas, J. E. W., Exec. V.-Pres., Aud. & Traf. Mgr
705—Thomas, J. W., Rd. Mast.
80—Thomas, L. L., M. M. & Rd. Mast.
186—Thomas, M. E., Div. Eng.
547a—Thomas, N. B., Clm. Agt.
204a—Thomas, O. G., Div. Str. Kpr.
886—Thomas, R. M., Gen. For. Loco. Dept.
444—Thomas, S. R., Gen. Supt. Carp.
58a—Thomas, T. E., Asst. Mast. Carp.
195—Thomas, T. J., Asst. to Pres.
693b—Thomas, W. G., Gen. For. Car Dept.
657a—Thomas, W. J., Supt. & M. M
137b—Thomas, W. P., Str. Kpr.
292—Thomason, B. H., Supt.
302, 769—Thomason, E., V.-Pres. & Gen. Mgr.
497—Thomason, M. D., Gen. Mgr.
837—Thompson, A. C. Asst. G. P. A.
45—Thompson, A. L., Traf. Mgr.
176—Thompson, A. R., Supvr. Power Plants.
176—Thompson, A. R., Rd. For. Eng.
137b—Thompson, A. R., Tie Agt.
240—Thompson, A. S., Pur. Agt. & Str. Kpr.
549—Thompson, A. W., Car Acct.
727b—Thompson, B. C., M. M.
708—Thompson, B. F., Treas.
58—Thompson, B. F., Tel. Eng.
705—Thompson, B. L., Asst. Term. Supt.
137f—Thompson, B. S., Gen. Car For.
808—Thompson, C. D., Str. Kpr.
194, 204c—Thompson, C. E., V.-Pres.
930—Thompson, C. H., Dist. Str. Kpr.
305b—Thompson, D., Supt.
23—Thompson, D. W., Treas.
958a—Thompson, E., Loco. For.
229—Thompson, E. J., Div. Sig. Insp.
148a—Thompson, E. W., Traf. Mgr
325a—Thompson, F. B., Aud.
123—Thompson, F. J., Term. Supt.
428, 429—Thompson, F. L., V.-Pres.
695—Thompson, F. M., Clm. Agt
207—Thompson, F. W., Div. Eng.
469—Thompson, G., G. F. A.
986a—Thompson, G. L., For. Paint Shop.
137b—Thompson, H., Loco. For.
1326a—Thompson, H., Traf. Mgr.
693a—Thompson, H. C., Div. Eng.
285—Thompson, H. D., Sec. & Treas.
549—Thompson, H. F., Asst. Compt.
816—Thompson, H. G., Traf. Mgr.
176—Thompson, H. L., Str. Kpr.
1821—Thompson, J., Sec.

1376—Thompson, J. F., Traf. Mgr.
322—Thompson, J. K., Asst Compt
1810—Thompson, J. M., Pres.
773—Thompson, J. N., Supt. M. W
995—Thompson, J. R., Gen. Aud.
927a—Thompson, L. C., Rd. For. Eng.
1808, 1894a—Thompson, L. G., Sec., Asst. Sec.
924—Thompson, M. C., Sec. & Treas.
137c—Thompson, M. D., Supt. Trans.
285—Thompson. O. P., V.-Pres.
157—Thompson, R., Rd. For. Eng.
229d, 1057a—Thompson, R. A., Ch. Eng.
74—Thompson, R. C., Pres.
170—Thompson, R. G. O., Pres.
1417—Thompson, R. R., Traf. Mgr.
257—Thompson, R. S., Pres.
428—Thompson, S. F., Supvr.
176—Thompson, S. R. Supvr. Slg.
40a—Thompson, T., Rd. Mast.
1933—Thompson, T., Sec.
508—Thompson, T. B., Aud.
209—Thompson, T. H., Gen. For. B. & B.
639—Thompson, V. J., Asst. to V.-Pres.
677—Thompson, W., Pres.
562—Thompson, W. B., Pres.
549—Thompson, W. G., Asst. Eng.
[629—Thompson, W. H., Asst. G. F. A.
139—Thompson, W. M., Supt. Tel.
693a, 693b, 693c, 1927—Thompson, W. O., Gen. Supt. R. S., Sec.
751a—Thompson, W. S., Div. Eng.
137—Thompson, W. S., Dir. Pub.
720—Thompson, W. W., Aud.
1001d—Thomson, A., Rd. Mast.
716—Thomson, A. W., Supt. Din. Serv.
628b—Thomson, F. M., Dist. Eng.
693b—Thomson, G. E., Dist. M. C. B.
137, 137g—Thomson, L. C., Mgr. Str.
186—Thomson, R., Asst. G. P. A.
1051—Thomson, W. B., Val. Eng.
511—Thomson, W. C., Treas.
511—Thomson, W. R., Sec.
628, 627b—Thomure, F. J., V.-Pres. & Gen. Mgr.
737f, 748, 1020d—Thorburn, C., Gen. Pur. Agt., Pur. Agt.
58—Thorn, E. N., Asst. G. P. A.
824—Thorn, G. M., Sec. & Gen. Mgr.
209—Thorn, W. H., M. C. B.
755a—Thornburg, A., Supvr. Trk.
465—Thornburn, J. H., Treas.
58—Thornley, E. W., Asst. Pur. Agt.
771—Thornton, A. W., Res. Eng.
97—Thornton, G. K., Asst. to Eng. M. W.
664, 930, 981, 931a—Thornton, G. M., Treas.
137, 137e, 137f, 734a, 973, 1850—Thornton, H. W., Chman. & Pres., Chman., Pres., Dir
964—Thornton, J. E., Asst. Eng.
275—Thornton, J. H., Stationer.
406—Thornton, S. W., Sec. & Treas.
693a—Thornton, W. J., Term. Eng.
539—Thorpe, E. G., Gen. Str. Kpr.
198—Thorpe, R. A., Rind. Hse. For.
324—Thorsen, O. J., M. M.
382—Thruff, E., Asst. Gen. Str. Kpr
930—Thrall, H. P., Mail & Exp. Traf. Mgr.
927—Thrall, W. H., Asst. Eng.
429—Thrower, D. W., Valua. Eng.
1868, 1891—Thulin, E. E., Pres., Asst. Sec.-Treas.
204a—Thurber, N. P., Div. Supt.
203, 204a—Thurber, W. M., Supt., Div. Supt.
386—Thurman, J. C., Gen. Aud
693b—Thwaites, E., Gen. Supt.
40b—Tice, H. A., Div. Supt.
322—Tice, H. E., Div. Str. Kpr.
137b—Tichbourne, W., B. & B. Mast
706—Tidabock, A. F., Gen. Mgr.
94a—Tidmore, J. A., M. M.
697—Tiel, W. M., Gen. Bag. Agt.
40a—Tier, G. F., Div. M. M.
543—Tierney, J. E., Mech. Supt.
186—Tierney, J. D., Gen. For. Car Dept.
628a—Tierney, J. R., Rd. For. Eng.
176—Tierney, P. J., Asst. G. F. A.
574—Tietze, H. J., G. F. A. & Car Acct.
1065b—Tiffin, E., For. Overhead.
137b—Tiffin, S. G., Comr. Ind.
715—Tighe, L. G., Asst. Gen. Mgr.
58a—Tighe, M. J., Asst. Rd. For. Eng.
58a—Tighe, S. J., Gen. For. Loco. Dept.
87, 395a—Tigrett, I. B., Pres.
40a—Tilbury, S. R., Fuel Supvr.
927—Tiller, C. L., Div. Str. Kpr.
207—Tillery, J. P., Mast. Carp.
137b, 1850d—Tillett, C. H., Sig. Eng., 1 V.-Chman.
1662—Tillett, J. W., Gen. Supt.
139—Tilley, W. N., Consit. Coun.
920—Tillman, Chas. T., Treas. & Pur. Agt.
847—Tillman, E. F., Gen. Live Stock Agt.
322b—Tillotson, G. E., For. Sig. Maint.
695e—Tilly, D. L., V.-Pres. & Traf. Mgr.
475—Tilly, W. T., Ch. Surgeon.
716—Tilmont, P. A. G., Rd. Mast.
382—Tilton, C. W., Asst. Gen. Aud.
1551—Timberlake, G. M., Traf. Mgr
195b—Timmel, H., Rd. For.
274—Timmons, F. C., Elec. Supvr
539—Timpson, C. E., Supt. C. S.
921b—Tindall, H. R., Gen. For.
877—Tingley, C. P., Sec.
1819—Tingley, T. J., Peoples Coun.
695a, 695b—Tinker, G. H., Brdg. Eng
428—Tinling, C. F. M., Supvr. Demur. & Stor.
980—Tinney, W. G., M. W. Eng.
38a—Tinsley, G. F., Treas.
258—Tinsley, T. D., V.-Pres.
547—Tippin, J. J., Sec. & Aud.
531—Tipton, D. H., Supt. & Pur. Agt.
531—Tipton, E. S., Ch. Eng.
927a—Tipton, G. F., Shop Supt.
531—Tipton, M. L., Asst. Supt.
987—Tipton, R. H., Aud. & Sec.
137c—Tisdale, A. A., Asst. to Gen' Mgr.
137c—Tisdale, F. W., Pur. Agt.
930a—Titcomb, H. B., Pres.
677a—Titford, J. A., Asst. C. P. A.
1704—Titley, W. C., V.-Pres.
982a—Titlow, R. S., Aud. & Traf. Mgr.
180—Titus, A. P., Ch. Oper. Officer.
621—Titus, H. E., M. M.
1001b—Titus, R. E., Asst. Supt.
207—Tjaden, G., Rd. Mast.
930—Toates, F. G., Asst. Rd. For. Eng.
523—Tobey, C. B., Gen. Str. Kpr.
137c—Tobey, W. H., Supt.
229—Tobias, C. M., Ch. Elec.
124a—Toble, E. L., Pres. & Mgr.
927b—Tobien, R. D., Eng. M. W.
195a—Tobin, F. L., Rd. Mast.
139b—Tobin, J. A., Asst. Supt.
1057c—Tobin, M. W., R. W. & Clm. Agt.
1816—Tobin, R., Comr.
1021—Tobin, T. J., Asst. Sec.
964—Tobin, W. H., Asst. Gen. Mgr.
1021—Tobin, W. J., Frt. Clm. Agt.
629—Tocher, C. E., Asst. Eng.
1081—Tod, F., V.-Pres.
1081—Tod, M. S., Ch. Eng.
139—Todd, E. N., Frt. Traf. Mgr.
695a, 695b—Todd, G. C., Supt. Tel.
322a—Todd, J., Shop Supt.
927a—Todd, J. G., Asst. Eng. Maint.
927—Todd, J. N., Office Eng.
693b—Todd, J. R., Div. Supt.
1001d—Todd, L. A., Sig. Supvr.
365—Todd, L. O., Asst. Aud.
503—Todd, M. M., Treas.
62—Todd, P. R., Pres.
1071—Todd, V. E., Ch. Eng. Power Plant.
751a—Toft, G., Supvr. Tel. & Sig.
1001a—Toland, H. A., Aud.
381b—Toland, W. H., Ch. Surg.
1925—Told, A. H., V.-Pres.
751b—Tolin, J. J., For. Car Rep.
1926—Toll, H. G., Agt.
705—Tolley, O. H., Rd. Mast.
632—Tolson, B. B., Asst. to Gen. Mgr.
186—Tomkins, O. S., Supvr. Sig.
137g, 286a, 286f—Tomkins, W. C., Treas., Sec. & Treas.
409—Tomlinson, C. F., Pres.
693—Tomlinson, G. F., Aud.
617—Tomlinson, P. J., Supt. Car Acct.
886—Tomlinson, R. B., Asst. Rd. For. Eng.
927a—Tomlinson, W. R., Rd. For. Eng.
101—Tompkins, J. M., Aud., Pur. Agt. & Asst. Treas.
137a—Tompkins, M. F., G. F. A.
25—Tompkins, R. R., Asst. to Pres., Sec. & Treas.
136—Tompkins, R. W., Pur. Agt. & Gen. Str. Kpr.
616—Tompkins, W. M., Sec.
137b—Toms, H., B. & B. Mast.

1001b—Toms, T. F., Str. Kpr.
1001b—Toms, W. C., Str. Kpr.
280—Toner, F. J., G. F. & P. A.
870—Toner, R. D., Pur. Agt.
204a—Toohey, H. R., Insp. Strs.
195b—Toohey, J., Rd. Mast.
86a, 675a, 807, 867—Tooker, H. B., Traf. Mgr., V.-Pres. & Traf. Mgr.
137b—Tool, W. H., B. & B. Mast.
395a—Tooley, E. V., Rd. Mast.
847—Tooley, W. T., Div. Rd. Mast.
1001b—Toomer, C. H., Str. Kpr.
886—Toomer, J. H., Asst. G. F. A.
322a—Toomey, B. J., For. Sig. Maint.
1825—Toomey, E. G., Sec. & Coun.
751a—Toomey, T. H., Gen. For.
475—Toops, G. N., Ch Eng.
964—Toops, M. S., Asst. Eng.
139h—Topham, F., Rd. Mast.
314—Topp, C. E., M. M.
176—Topping, F. J., Gen. For. Loco. Dept.
821a—Topping, J. W., Sec. & Treas.
847—Topping, P., Asst. Eng.
1872—Topping, W. S., Asst. Ch. Insp.
629—Topping, W. T. G., Ch. Draft.
693—Torbron, B. J., Asst. G. F. A.
382—Toreson, H., Mast. Carp.
981a—Torian, J. G., Asst. to V.-Pres. & Gen. Mgr.
931—Torian, P. B., Supt. Term.
382—Torkelson, J., Dist. Rd. Mast.
204a—Tornes, G., Ch. Carp.
137a—Torrens, G. C., Div. Eng.
670—Torres, F., Div. Str. Kpr.
670—Torrescano, A., Rd. Mast.
808—Tosh, A. C., Insp. Trans.
693a—Totten, E. C., Div. Gen. For. Car Dept.
382—Totten, S. H., Trav. Eng.
629—Tough, Jr., L. M., Asst. Eng.
229—Toumey, S. L., Supvr. B. & B.
847—Toupin, L. A., Motor Car Insp
97—Tourtellotte, E. B., Asst. B. & B. Supvr.
979—Towers, B. G., Gen. For. Equip.
868, 988—Towery, J. P., Sec., Gen. Clm. Agt.
139c—Towle, C. H., Asst. Supt.
396a—Town, R. E., Treas. & Asst. Sec.
97—Towne, W. H., Asst. to Gen. Supt. Trans.
186—Towne, W. J., Ch. Eng.
382—Towne, W. L., Trav. Eng.
183—Townend, J. J., M. M.
1039—Towner, M. E., Gen. Pur. Agt.
137b—Towner, W. H., Rnd. Hse. Insp.
860—Townsend, A., Asst. Supt.
1061—Townsend, D. K., Gen. Mgr.
207—Townsend, E. W., Gen. For. Car Dept.
604—Townsend, G. T., Pres.
927b—Townsend, J. T., Supvr. Trk
198—Townsend, O., Traf. Mgr.
229—Townsend, S. A., Asst. G. F. A.
531, 649—Townsend, W. B., Pres. & Gen. Mgr., V.-Pres.
137a—Townsend, W. H., B. & B. Mast.
128—Townshend, J. H., Traf. Mgr.
207—Towsley, A. W., Gen. Supt Trans.
437a—Towzey, W. H., G. F. A.
8—Toxey, W., Ch. Eng.
137b—Toye, E. D., Gen. Str. Kpr.
629—Traber, H. L., G. F. A.
697—Tracey, C., Sig. Supvr.
705—Tracy, C. P., Supvr. B. & B.
629—Tracy, D. F., Asst. Eng.
929a—Tracy, G. E., Supt.
1800—Tracy, L. J., Compt.
428—Tracy, M. A., Sig. Supvr.
705—Tracy, W. O., Asst. Div. Supt.
563—Trafton, F. F., Marine Eng.
1818—Trafton, H. W., Comr.
40—Trainor, E., Gen. Atty.
207—Trainor, J. A., Rd. Mast.
58c—Traister, W. G., Str. Kpr.
137g—Tranzow, F., Supvr. Trk.
137g—Tranzow, F. C., Supvr. B. & B.
58a—Trapnell, W., Div. Supt.
707—Trapp, W. H., V.-Pres.
1020c—Traugott, A. M., Asst. Ch. Eng.
103b—Travers, T. H., G. P. & F. A.
24—Treacy, G., For. Car Dept.
382—Treacy, J. G., Gen. For.
629—Treadway, P. G., Gen. For. Loco. Dept.
726d—Treat, G. B., Ch. Eng. & Plant Mgr.
674—Treat, J. W., Rd. Mast.
885—Treddlemyer, E., Rd. Mast.
137c—Tredger, C. R., B. & B. Mast.
751a—Treesh, F. H., For. Car Shops.
574—Treiber, F., M. M.
1492a—Treiner, R. L., Traf. Mgr.
40—Treleaven, W. T. Gen. Live Stock Agt.
7a—Tremaine, W. J., Asst. G. F. A
137b—Tremblay, A., Car For.
322a—Trenholm, E. W., Trk. Supvr.
47—Trenholm, J. B., Eng. M. W.
482—Trent, H. C., Aud.
40b—Treutner, J., Rd. Mast.
469—Trevino, J. F., Loc. Mgr.
176, 413—Trevvett, A., Sec. & Treas.
716—Trewick, H., Rd. For. Eng.
927a—Trexler, H. C., Shop Supt.
322b—Tribe, M. G., Mast. Carp.
468a—Trickett, L. G., Sec.
313—Trickett, O. L., Aud.
207—Triebel, H. A., Ch. Tarf. Bur.
693b—Triechman, F. E., Supvr. Trk
751b—Triem, D. W., Asst. Div. Supt
39, 344a—Trieschmann, A., Gen. Mgr., Compt.
886—Trigg, J. C., Rd. For. Eng.
212a, 865—Trigg, T. E., Asst. Aud., Aud.
695a—Trim, E. R., Rd. For. Eng.
234—Trimble, C. A., Aud.
751a—Trimble, G. T., For. Car Shops
801—Trimble, J. G., Gen. Atty.
751—Trimble, R., Asst. Ch. Eng.
139g—Tripp, H. H., Div. Eng.
42—Trippe, R. E., Prin. Asst. Eng.
847—Trisler, W. T., Div. Rd. Mast.
137b—Trites, W. E., Rd. Mast.
629—Trobaugh, E. G., Car Acct.
389—Trocinski, J., Car For.
695a, 695b—Trotter, C. E., Supvr. Loco. & Fuel Perf.
137b—Trottier, L. P., Car For.
186—Trottman, N., Gen. Atty.
139—Troup, J. W., Mgr. B. C. Coast Service.
628a—Trout, A. R., Gen. Sig. Supvr.
1688—Trout, E. M., Traf. Mgr.
1001—Trout, G. H., Bdg. Eng.
757—Trout, G. W., Sig. Eng. & Supt. Tel.
241b—Trout, H. E., V.-Pres.
195b—Trout, P., Rd. Mast.
600—Troutfeller, W., Rd. Mast.
549—Trovillion, F. R., Supvr.
1811—Trovillion, H. W., Comr.
428—Trovillion, R. A., Asst. G. F. A.
628a—Trovillion, R. C., G. F. A.
860—Trowbridge, G. S., Asst. to Gen. Traf. Mgr.
97—Trowbridge, W. S., Compt.
757—Troy, J., Boiler For.
927—Truan, F. A., Asst. Aud.
929—Truax, D. R., Pur. Agt.
137e—Trudeau, F. C., Loco. & Car For.
139c—Trudeau, M. J., B. & B. Mast.
696—Trudel, J. A., Div. Str. Kpr.
137b—Trudel, J. A., Asst. Supt.
96—Truden, J. L., Gen. Supt.
842, 1001d—Truelsen, W. F., Asst. Treas.
1849c—Trueman, J. M., Chman.
428—Truesdale, G. G., Asst. G. P. A
695c—Truesdale, H. J., Rd. For. Eng.
198—Truesdale, J. A., Car For.
275, 1850—Truesdale, W. H., Ch. of Bd., Director.
1703—Truett, R. W., Supt. Constr.
40b—Truitt, J. E., Rd. Mast.
1829a—Trujillo, E. D., Comr.
670—Trujillo, J. O., M. M.
40b—Truman, A. B., Div. Eng.
437b—Truman, I. J., Gen. Coun.
322—Trumbull, A. G., Ch. Mech. Eng.
757—Trumbull, A. J., Rd. For. Eng
286f—Trump, W. D., Gen. Mgr.
322c—Trumpler, H. W., Asst. Treas
137g—Trusler, S. L., Supt. Term.
860—Trussell, A. J., Asst. to Treas.
182—Trussell, S. E., Rd. For. Equip.
927b—Trusty, C., Trk. Supvr.
40c—Truxler, F. H., Div. For.
132—Tschudy, E. W., 2 V.-Pres. & Supt.
132—Tschudy, F., Sec. & Traf. Mgr
132—Tschudy, J., 1 V.-Pres.
132—Tschudy, J. H., Pres.
132—Tschudy, R. H., Treas. & Gen. Mgr.
58b—Tschuor, J. A., M. M.
204a—Tubaugh, A., Rd. Mast.
847—Tuck, E. F., Gen. For.
40c—Tuck, R., Gen. Loco. Car Dept.

931a-Tuck, R. L., Rd. Mast.
186—Tucker, A. L., Asst. Gen. Str. Kpr.
58a-Tucker, C. L., Asst. Str. Kpr.
140a-Tucker, E., Sec. & Treas.
629—Tucker, E. M., Architect.
40c-Tucker, E. W., Div. For.
329—Tucker, F. B., Div. Str. Kpr.
209—Tucker, H., For. Rnd. Hse.
549—Tucker, H. L., Supvr. B. & B.
627c-Tucker, J. R., Asst. to Pres.
666—Tucker, J. W., Asst. Supt.
58a-Tucker, J. W., Asst. Str. Kpr.
1660—Tucker, R., Gen. Mgr.
633—Tucker, R. H., Treas.
235—Tucker, T. Supt.
428—Tucker, W. W., Supvr.
988a-Tuckwood, O. W., Aud. & Traf. Mgr.
218a-Tudball, J. H., Asst. Aud.
986—Tugwell, A. P., Treas., Aud. & Car Acct.
986a-Tuley, R. R., Car For.
467—Tuley, W. S., Sec. & Treas.
629—Tull, G. W., Rd. Mast.
547a-Tull, M. G., Supt.
58b-Tullis, E. B., G. F. A.
1039—Tullis, G. W., Rd. For. Eng.
395a-Tully, A. J., Rd. For. Eng.
1708—Tully, E. P., V.-Pres.
930a-Tully, H. S., Rd. Mast.
1602—Tully, W. A., Traf. Mgr.
392a-Tuma, F., M. M.
200—Tumy, A. C., Asst. G. F. A.
428—Turley, C. D., Supvr.
1068—Turley, G. F., Gen. Supt.
428—Turley, S., Trav. Eng.
1021—Turley, W., Asst. Div. M. M
472—Turman, J., Rd. Mast.
695b-Turnbell, H. F., Asst. Supt B. & B.
43a-Turnbull, A. R., Pres.
47—Turnbull, R. J., Asst. to Gen. Supt. M. P.
137c-Turnbull, T., Eng. M. W.
24—Turnbull, T. B., Supt. B. & B. & Interloc.
137c-Turnbull, W. H., Loco. For.
382—Turnburke, V. P., Gen. Aud.
322a-Turner, A. C., Sig. Supvr.
797—Turner, A. R., M. M.
600—Turner, A. W., Rd. For. Eng.
751b-Turner, C. C., For. Car Shops
322b-Turner, C. D., G. F. & P. A.
935a-Turner, C. P., Ch. Eng.
137b-Turner, C. R., Bldg. Supvr.
1830a-Turner, D. L., Consit. Eng.
628b-Turner, E. E., Rd. Mast.
954—Turner, F. A., Asst. Eng.
716—Turner, F. C., Trav. Str. Kpr.
705—Turner, F. L., Sig. Insp.
16—Turner, F. M., Gen. Supt. & Traf. Mgr.
705—Turner, F. P., Prin. Asst. Eng.
927—Turner, G. P., Div. Str. Kpr.
1001—Turner, G. P., Valua. Off.
473—Turner, G. W., G. F. A.
195a-Turner, H. C., Asst. Div. M. M.
47—Turner, J. A., Rd. Mast.
1082—Turner, J. E., V.-Pres.
97—Turner, J. F., Aud.
1021—Turner, J. O., Supvr.
619—Turner, J. S., Trav. Eng.
927a-Turner, J. W., Gen. For.
58—Turner, Q. E., Ch. Aud.
322—Turner, R. L., Eng. Grade Cross.
1001a-Turner, R. S., Supvr. Sig.
1472a-Turner, R. S., Pres.
920—Turner, S. L., Rd. Mast.
1079—Turner, T., Treas.
549—Turner, T. B., Asst. to Gen. Mgr.
628a, 628b—Turner, T. T., Supt. Din. Cars.
40a-Turner, W., Rd. Mast.
359, 933a—Turner, W. F., Pres.
930—Turner, W. F., Div. Eng.
629—Turner, W. G., Asst. Eng.
521—Turner, W. J., V.-Pres. & Gen. Coun.
381—Turner, W. T., Sec. & Treas.
927b-Turner, W. T., Asst. Frt. Traf. Mgr.
204a-Turney J., Div. M. M.
860—Turney, J. R., Gen. Solr.
599—Turney, W. W., Gen. Coun.
927b-Turnipseed, J. W., Rd. For. Eng.
428—Turnland, J., Supvr.
58—Turnley, F. C., A. B. Instr.
1331—Turnquest, A. J., Supt. Car Serv.
75—Turpin, C. J., V.-Pres. & Gen. Mgr.
1001a-Turtle, J. A., M. M.
157—Tutan, G. W., Supvr. Trk.
41—Tuten, J. M., Rd. Mast.
600—Tuthill, G. C., Brdg. Eng.
757—Tuthill, J., Asst. Ch. Eng.
380, 572—Tutt, C. L., Sec. & Treas., V.-Pres.
696—Tuttle, A. S., Eng. Const.
82—Tuttle, C. L., Mech. Eng.
160—Tuttle, L. B., Sec.
40c-Tuttle, R. H., Supt.
7a-Tutwiler, Jr., E. M., Land Com.
62—Tweedie, C., Rd. Mast.
936a-Twigg, R. E., M. M.
159—Twining, W., Eng. M. W.
139b-Twist, G., Div. M. M.
563—Twitchell, F. S., Aud.
97—Twombley, A. S., Asst. Div. Supt.
1001d-Twombly, W. A., Asst. Sig. Supvr.
1020—Twomey, M., Rd. Mast.
396a-Twyford, G. T., Elec. Eng.
1021—Twyman, A. B., Asst. Gen. Aud.
547a-Twyman, E. P., Sec., Treas. & Aud.
137b-Tyers, W. J., B. & B. Mast.
752—Tylee, G. E., Pres.
752—Tylee, W. J., Recr.
847—Tyler, J. B., Div. Rd. Mast.
229—Tyler, L. C., Rd. For. Eng.
204b-Tyler, R. F., Gen. Sig. Insp
539—Tyler, W., Sig. Supvr.
693a-Tyler, W. S., Div. Gen. For. Car Dept.
1051—Tynam, J. B., Supt. Loco. Shop.
624—Tynes, T. R., Aud.
693b-Tyro, F. H., Treas. & Aud.
96—Tyrrell, N. B., Asst. Trk. Supvr.
1020—Tyrrell, G. A., Pur. Agt.
927b-Tyrrell, H. E., M. W. Eng.
137c-Tyson, C. M., Rd. Mast.
808, 1062—Tyson, I. T., Div. Supt., Supt.
28—Tyson, J., Pres.

U

886—Ucker, C. S., Dir. Develop.
241b-Ueberroth, A. G., Aud.
931, 931a—Ueckert, H. H., Supvr. Struct.
618—Ueland, A., Sec.
716—Uhlich, G. P., Asst. A. B. Insp.
1039—Uhlman, F. C., Gen. Aud.
847—Uhr, I. A., Sig. Eng.
1021—Ulen, W. H., Sig. Supvr.
97—Ulrich, A., Sig. Supvr.
600—Ulrich, A. V., Asst. G. P. A.
243—Ulrich, C. T., Sec.
111—Umberger, W. A., Sec. & Aud.
693a-Umpleby, C. H., M. M.
184, 428—Umshler, A. M., Supt., Term. Supt.
1703—Underhill, E. M., Mgr. Complt. & Claim Dept.
137a-Underhill, J., Rd. Mast.
322—Underwood, F. D., Chman. Exec. Comm. & Pres.
209b-Underwood, W. A., Supt. W. & S.
629—Unger, O. R., Asst. Eng.
751c-Unkefer, R. C., Mast. Carp.
837—Unwin, W., Supvr. Trk.
931, 931a—Unzicker, R. R., Asst. Supt. Trans.
693b-Upson, S. C., Div. Eng.
265, 860, 860a-Upthegrove, D., Pres
195b-Urbach., H. H., M. M.
618—Urbahns, C. E., Gen. Supt.
619—Urbahns, F. W., Div. Supt.
1001b-Ure, U. S., Aud.
139b—Uren, W. J., Asst. Gen. Supt.
807—Urich, W. A., Str. Kpr.
19, 69, 846a—Urquhart, P. J., Aud.
115—Urtel, E. J., Pur. Agt.
891—Usher, E. H., M. M.
693a-Usherwood, G., Supvr. Boilers.
139—Ussher, C. E. E., Gen. Pass. Traf. Mgr.
757—Utess, C. S., Shop Supt.
210, 213, 430, 737—Utley, H. B., Pres.
583—Utt, F. M., Sec.
439, 629—Utter, H. L., V.-Pres., Asst. Sec. & Asst. Treas., Sec. & Treas.

V

739b-Vail, D. R., Sec. & Treas.
61b-Vail, E. A., Ch. Eng.
739b-Vail, F. E., V.-Pres.
739b-Vail, J. W., Pres.
137c-Valde, O. M., Rd. Mast.
137c-Valde, P. R., Rd. Mast.
670—Valdes, L., Ch. Asst. Frt. Traf. Mgr.
957a-Valdovinos, S. B., Aud.
1835—Vale, E. M., Ch. Bureau Pub. Conven.

930a–Valencia, J. M., Rd. Mast.
499—Valier, P., V.-Pres. & Gen. Mgr.
499—Valier, R. R., Supt.
34—Vallance, E., M.M.
274—Vallandingham, A. V., Aud.
734a–Valleau, J. H., Sec. & Treas
274—Vallee, A., Supvr. Sig. Const.
826—Vallerand, J. A., Gen. Supt. & G. F. & P. A.
105b–Vallery, J. F., Asst. G. F. A
234—Valley, M. J., Rd. For. Eng.
97—Vallier, D. J., Track Supvr.
207—Van Akin, E. B., Rd. For. Equip.
693a–Van Akin, Jr., S. L., Asst. Supt. Tel.
123—Van Arsdale, G. T., Chem. & Eng. Tests.
428—Van Arsdalen, C. I., Asst. Eng
440a–Van Arsdel, E., V.-Pres.
718c–Vanatta, F. T., Supt. Elec. Activities.
472—Van Atta, R. E., Eng. Asst. to V.-Pres. & Gen. Mgr.
926—Van Bibber, L. W., Treas. & Car Acct.
58b–Van Blarcum, C. B., Gen. For. Loco. Dept.
204a–Van Bockern, J. J., Rd. Mast.
137g–Van Boemel, E., Aud.
233—Van Brimer, G., Gen. Supt.
204a–Van Brunt, H. A., Trav. Eng.
1337—Van Brunt, O., Gen. Traf. Mgr.
982b–Van Buskirk, D. W., V.-Pres.
693a–Van Buskirk, J. H., Mech. Eng
927a–Vance, C. T., Asst. Rd. Mast.
927b–Vance, H. H., Gen. Supt.
307—Vance, J. E., V.-Pres.
229, 755a—Vance, J. K., Frt. Clm. Agt. & Frt. Loss & Damage Agt.
1021—Vance, J. R., Gen. Loco. Insp.
629—Vance, W. H., Asst. Eng. M. W.
176—Vandament, H. L., Dist. Eng.
229c–Vandegrift, E. J., Mast. Carp.
900—Van Delinder, J. R., Asst. G. F. A.
186—Vandenburgh, E. C., Supvr. B. & B.
186—Vanderboom, E., Gen. For.
58b–Vanderbosch, C. J., Str. Kpr
540—Vandercook, B., Supt.
540—Vandercook, W., Ch. Eng.
207—Vanderpool, W., Asst. Sec. & Asst. Treas.
429—Vandersluis, W. M., Elec. Eng., Eng. & Sig. Sect.
718c, 930, 930a—Van Deventer, A. K., Asst. Treas., Treas., Asst. Treas.
619—Vandewalle, V., Rd. Mast.
275—Van De Water, W. G., Sec. & Treas.
549—Vandiver, W. C., Supvr.
465—Van Doren, C. L., Pres.
186—Van Doren, R. N., V.-Pres. & Gen. Coun.
909—Van Dorn, R. N., V.-Pres. & Gen. Coun.
504b–Van Dusen, D., V.-Pres. & Gen. Mgr.
523—Van Duzer, R. D., Gen. Land & Tax. Agt.
204a–Van Dyke, G. A., Div. Supt.
1598—Van Dyne, E., Dist. Supt.
1843—Van Etten, C. E., Sec.
178—Van Etten, E., V.-Pres.
186—Vanevenhoven, C. A., Gen. For. Car Dept.
139e–Vangil, I., Rd. Mast.
186—Van Gorder, H., Rd. Mast.
229—Van Gorder, W., Supvr. Trk.
58—Van Gundy, C. P., Eng. Tests.
40c—Van Gundy, L., Rd. Mast.
207—Van Hecke, D., Div. Supt.
1031a—Van Horn, A., Aud.
58—Van Horn, C. W., Gen. Supt. Trans.
629—Van Horn, J. T., Sta.
322a–Van Houten, H. H., Asst. Mast. Carp.
860, 860a–Van Hovenberg, H. W., Sanitary Eng.
693b–Vaniman, J. F., Rd. For. Eng
636, 776—Van Meter, A., Gen. Atty
434—Van Name, J. H., Gen. For. Car Dept.
1830—Van Namee, G. R., Corm.
159—Van Ness, H. E., Constr Eng
217, 978—Van Ness, L. G., Pres. & Treas., Pres.
691—Van Nort, C. W., Supvr.
930—Van Note, F., Asst. Cont.
1006b–Van Osdol, J. A., Gen. Atty.
249—Van Ostrand, E. H., Pres.
439—Vanover, B. C., Rd. Mast.
472—Vanpielt, E. G., Str. Kpr.
204—Van Schoyck, N. J., Supvr. Mail & Exp. Traf.
139—Van Sloy, C. A., Supt.
1445—Van Slyck, F., Traf. Mgr.
176, 413—Van Sweringen, O. P., Chman.
842a, 1006—Vant, I. A., Sec. & Treas., Treas.
392—Van Tassell, B. A., Asst. Treas.
693a–Van Tassell, G., Asst. to Gen. Supt.
96—Van Ummersen, R., Frt. Traf. Mgr.
984—Van Vleck, H. J., Asst. to Aud.
1006—Van Vliet, A. C., V.-Pres. & Gen. Mgr.
204a–Van Vliet, B. F., Div. Supt.
1006—Van Vliet, L. D. W., V.-Pres
1830—Van Voorhis, Chas., Comr.
1057e–Van Vrankin, W. A., Supt. B. & B.
1657a–Van Wert, L. R., Pres.
159—Van Why, C., Gen. Loco. Insp.
628a–Van Winkle, A. T., Str. Kpr.
1857a–Van Winkle, H. G., V.-Pres.
153, 229—Van Winkle, J. Q., Pres., Asst. to V.-Pres.
693a–Van Woert, L. P., Asst. Supt
705—Van Zandt, G. C., Asst. G. F. A
212—Varela, J. P., Aud.
670—Vargas, C. B., Div. Str. Kpr.
488a–Vargas, C. C., Asst. to Pres.
670—Vargas, F., Rd. Mast.
547a–Varley, J. W., M. M.
964—Varnell, D. H., Rd. For. Eng.
1493—Varner, C. E., Traf. Mgr.
1039a–Varner, W., Pur. Agt.
1907—Varney, H. A., Pres.
180—Vasconcellos, M., For. Loco. Rep.
137g–Vass, J., Mech. Insp.
629—Vasterling, P. F., Ch. Surg.
988a–Vater, H. H., Sec. & Treas.
886—Vaughan, C. W., G. B. A.
705—Vaughan, G., Asst. to Comptr.
137—Vaughan, R. C., V.-Pres.
1009b–Vaughan, R. J., Supt.
378a–Vaughan, S. L., V.-Pres., Gen. Mgr. & Pur. Agt.
1001a–Vaughn, C. W., Gen. For. Loco. Dept.
696—Vaughn, D., Gen. Loco. Tool Insp.
342—Vaughn, J. R., Gen. Car For
1801a–Vaughn, L., Chman.
721—Vaught, R. E., M. M.
693a–Vault, F. L., Supvr. Track.
137b–Vaundry, E. L., Str. Kpr.
670—Vazquez, A., Sta. Str. Kpr.
129—Veal, E. F., Supt. M. P.
705—Veazey, F. D., Gen. For.
357—Veazey, W. B., Recr.
964—Veitch, C. W., Sec. & Treas.
927b–Veith, E., Supvr., B. & B.
495a–Veldman, R. R., Traf. Mgr. & Frt. Clm. Agt.
670—Venegas, H., M. M.
344—Venner, A. E., Pur. Agt.
930—Venter, H. C., Supt. Shops.
1907—Venten, F. W., Sec. & Treas.
1007—Ventura, V., Supt. Shops.
1071—Verheyden, J. H., Pur. Agt.
693b–Vermeers, R. C., Gen. For. Car Dept.
847—Vermillion, A., Div. Rd. Mast
933a–Vermillion, C. A., Asst. to Pres.
139b–Verner, C., Rd. Mast.
139a–Verner, J. E., Rd. Mast.
137b–Verner, W. G., Loco. For.
927a–Verner, W. J., Jr. Eng. Maint
200—Vernia, E. P., V.-Pres.
693a–Vernon, F., Asst. Sig. Supvr.
751a–Vernon, N. D., Div. Eng.
58b–Vernon, R. A., Rd. For. Eng.
137g–Veroneau, L. A., Ch. T. B.
192—Verrill, A. W., Asst. Supt. Equip.
139b–Verschelden, I., B. & B. Mast.
1664a–Versen, A. J., Traf. Mgr.
1816—Vest, O., Chman.
1630a–Veth, C. E., Traf. Mgr.
40c–Vetter, N., Gen. For. Loco. Dept.
549—Vickery, W. J., Supvr.
137b–Vicks, P., Rd. Mast.
751—Viele, S. M., Asst. Elec. Eng.
539—Vieillard, L. F., Gen. Sig. Insp.
1849—Vien T., Deputy Ch. Comr.
988a–Vieweg, F. W., Pres.
186—Vilas, C. N., Rd. Mast.
186—Vilas, G. B., Gen. Mgr.
597—Villasenor, F. L., Supt. Sl. Car Serv.
670—Villegas, E., Asst. to Ch. Eng.
137b–Villeneuve, F., Car For.
875—Vincent, C. A., Rd. Mast.
41, 52, 1001e—Vincent, W. H., Compt., Sec.
961—Vinnedge, C. A., Sec. & Aud

349—Violett, B., Gen. Rd. Mast.
176—Vise, H. M., For. Car Dept.
1021—Vitt, J. T., Div. Eng.
1051—Vilet, P., Supt. Tele. & Telo.
539—Voege, C. E., Asst. Sig. Supvr.
139—Voerge, J. N., Gen. Mast. Paint.
1001a—Voerge, L. W., Dist. For.
109—Vogan, R. H., Sec.
417—Vogel, D., Car Acct.
275—Vogel, J., Bdg. Eng.
931—Vogel, T. A., Mast. Car Paint.
693a—Vogt, C. H., Supvr. Trks.
751—Vogt, W. F., Asst. Gen. Str. Kpr.
40—Voigt, A. E., Car Light Eng.
139h—Vollans, H., Rd. Mast.
629—Vollmer, W. G., Asst. to Pres
382—Volz, C., Sig. Supvr.
428—Vonbiergen, E., Gen. A. B., Lubri. & Steam Heat Eng
666—Von Bergen, F., Ch. Air Brk. Insp.
930—Von Boden, G. B., Oil Burning Insp.
761—Von Emster, H., Aud.
382—Von Erickson, H., Trav. Eng
1655a—Von Tacky, C. L., Traf. Mgr.
1919—Voorhees, E. K., Memb.
58b—Voorhees, H. B., Gen. Mgr.
808—Voorhees, P., Res. Eng.
1021—Voorheis, J. D., Supvr. B. & B.
716—Vordahl, N., Rd. Mast.
436—Vordemark, H. E., V.-Pres. & Treas.
1704—Vorhees, C. S., Gen. Pur. Agt.
695c—Vorhis, C. E., Asst. Supt.
204a—Vosburg, W. H., Asst. Eng.
693a—Vosburgh, J. H., Supvr. B. & B
693, 693c—Vosburgh, L. F., Traf. Mgr.
878—Vose, O. M., Supt. & Pur. Agt.
726d—Voss, W. E., M. M.
359, 933a—Votaw, G. E., Div. Supt.
321b—Vote, R. W., Aud. & G. F. & P. A.
1879, 1893, 1898—Vought, H. D., Sec. & Treas., Sec.
751a—Vought, K. R., Asst. Div. Supt.
1598—Vroman, B. H., Dist. Supt.
885—Vroman, E. E., V.-Pres. & Gen. Mgr.
693a—Vroman, F. C., Str. Kpr.

W

294—Wachtel, C. E., Sec. & Treas
40b—Wachter, A. B., Div. Str. Kpr.
639—Wachter, J., Supt. Term.
629—Wachter, R. E., Asst. Eng.
199—Wacker, C. H., Pres. & Gen. Mgr.
960a—Waddell, J. T., Supt.
137—Waddell, W. D., Gen. Acct.
516—Waddill, J. E., Pres.
683—Wade, C. J., Aud., Car Acct. & Frt. Clm. Agt.
930—Wade, E. E., Asst. G. P. A.
186—Wade, E. H., Asst. Supt. M. P. & Maint.
629—Wade, H. J., Rd. For. Eng.
322—Wade, H. M., Gen. Bag., Mail & Ex. Agt.
847—Wade, H. R., Asst. Supt.
198—Waie, J. F., Aud.
375—Wade, J. W., Gen. Supt.
705—Waie, J. W., Gen. Str. Kpr.
731f—Wade, M. S., Treas.
487—Wade, P., Rd. Mast.
186—Wade, W., Eng. Hse. For.
519—Wade, W. W., Div. Supt.
137c—Waddell, N. M., Div. Eng.
279, 821—Wadleigh, F. A., Pass. Traf. Mgr.
809—Wadley, S. L., 2 V.-Pres.
536—Wadsworth, C. R., Supt.
793—Wadsworth, G. D., G. F. & P. A.
693a—Waechtler, W. G., Ch. Gen. Insp.
549—Wagar, S. J., Chem. & Eng. Tests.
933a—Wager, F. C., M. M.
69—Waggener, J. A., Supt.
428—Waggener, W. C., Supvr. B. & B.
629—Waggener, W. P., Gen. Atty.
964—Waggonner, R. G., Asst. Eng.
322—Wagner, A. C., Div. Str. Kpr.
693—Wagner, B., Asst. G. F. A.
1009—Wagner, C. C., Sec.
600—Wagner, D., Rd. Mast.
681a—Wagner, F. A., Sec. & Gen. Coun.
457—Wagner, G., Rd. Mast.
930—Wagner, G. T., For. Paint.
40b—Wagner, H. O., Div. Eng.
40a—Wagner, H. W., Ch. Eng.
808—Wagner, Jr., J., Asst. Supvr
284, 443—Wagner, J. A., Gen. Mgr., Sec.-Treas. & Gen. Mgr.
693—Wagner, J. B., Asst. to Gen. Aud.
242—Wagner, J. M., Pur. Agt.
629—Wagner, P. P., Asst. Eng.
808—Wagner, S. T., Ch. Eng.
195—Wagner, W. G., Asst. Frt. Traf. Mgr.
367—Wagoner, J. V., For. Car Dept.
322a—Wahl, A. W., Trk. Supvr.
322a—Wahl, W. H., Trk. Supvr.
647, 840—Wahlen, J., Mech. Supt., Supt. M. P.
96—Wahlman, J. H., Asst. Trk. Supvr.
931a—Waid, G. S., V.-Pres. & Gen. Mgr.
796a—Waidelich, J. A., Sec.
275—Wainwright, J. M., Ch. Surg.
933—Waite, D. R., Gen. For. B. & B.
58b—Waite, M. R., Gen. Solr.
956b—Waits, H. W., Sec., G. F. & P. A. & Gen. Supt.
927b—Waits, W. W., Term. Supt.
826—Wake, H. R., Mgr.
195—Wakeley, L. W., Asst. to Pass. Traf. Mgr.
693b—Wakeman, K. F., Supvr. Sig.
229, 69xx, 1873—Walber, J. G., V.-Pres., Memb.
195b—Walbridge, E. C., Rd. Mast.
186—Walch, E. W., Rd. Mast.
1444a—Walcher, E. R., Traf. Mgr.
927a—Walden, F. T., Gen. For.
1598—Walden, H. P., Asst. to V.-Pres. & Gen. Mgr.
549—Walden, M. P., Supvr. B. & B.
157—Walden, S. C., Gen. For.
927a—Walden, W. H., Rd. Mast.
203, 204—Walder, G. H., Pur. Agt.
1001a—Waldo, G., Asst. Frt. Traf. Mgr.
137a—Walgon, A., Car For.
342—Waldrep, R. S., Trk. Supvr.
549, 666—Waldrop, L. G., Supt. Term.
137g—Wales, D. C., Asst. Eng.
716—Wales, E. R., Aud.
137c—Walkden, W., Brd. Eng.
137b—Walker, A., Car For.
207—Walker, A. E., Gen. Supt.
773—Walker, A. T., Chman.
693—Walker, B., Gen. Atty.
930—Walker, C. I., Mast. Car Rep.
927a—Walker, C. S., Tr. Supvr.
144, 229c—Walker, C. W., Asst. G. F. A.
751b—Walker, C. W., Supvr.
139h—Walker, E., Rd. Mast.
139b—Walker, E. J., Asst. Supt.
600—Walker, E. M., Grade Sep. Eng.
349—Walker, E. O., Car Acct.
1434a—Walker, F. D., Traf. Mgr.
132c—Walker, F. L., V.-Pres.
516—Walker, G., Car Acct.
751, 1885—Walker, G. A., Asst. Treas., Treas.
395—Walker, G. M., Asst. Eng.
751—Walker, H. J., Aud.
927—Walker, H. L., Comm. Coun.
1001—Walker, H. S., Asst. to Gen. Aud.
1020c—Walker, H. W., Eng. Coal Development.
137b—Walker, J., Asst. Eng.
927b—Walker, J. A., Rd. Mast.
1830a, 1894a—Walker, J. B., Sec.
234—Walker, J. D., Supt.
989a—Walker, J. E., Gen. Mgr.
428—Walker, J. F., Supt.
847—Walker, J. M., Div. Str. Kpr.
47—Walker, J. P., Supt. Trans.
549—Walker, J. T., Supvr.
751b—Walker, J. W., Ch. Air Brk. Insp.
40c—Walker, J. W., Supt.
137c—Walker, J. W., Str. Kpr.
739b—Walker, L., Gen. Mgr. & G. F. & P. A.
139c—Walker, L. B., Sec. & Treas.
739—Walker, M. L., Pres.
40a—Walker, P. O., Rd. Mast.
195a—Walker, P. P., Gen. Car Insp.
628b—Walker, R. A., M. M.
274—Walker, R. C., G. B. A. & Supt. Mail Trans.
523—Walker, R. E., Div. Str. Kpr.
988—Walker, R. T., Supt.
137b—Walker, R. W., Boil. Insp.
549—Walker, T., Rd. Mast.
58a—Walker, T. M., Sig. Supvr.
628a—Walker, W., Shop Supt.
137b—Walker, W., Dist. Eng.
137c—Walker, W., Loco. For.
351—Walker, W. C., Sec. & Treas.
357—Walker, W. C., Traf. Mgr.
1020c—Walker, W. C., Str. Kpr.
126—Walker, W. E., Eng. M. W.

927a—Walker, W. F., Trk.Supvr.
132c—Walker, W. J., Pres.
137c—Walker, W. J., Rd. Mast.
198—Wall, C. W., Trk. Supvr.
176, 413—Wall, G. B., V.-Pres., Chman.Value.Comm., V.-Pres.
180—Wall, G. H., Div. Str. Kpr.
829—Wall, H. C., Pres.
40c—Wall, H. S., Mech. Supt.
40c—Wall, H. W., Div. For.
47—Wall, J. A., Dist. Supt.
58a—Wall, W. E., Asst. Str.Kpr.
365—Wall, W. O., Gen.Cim.Agt.
275—Wallace, A. B., G. F. A.
298, 619—Wallace, A. E., V.-Pres., V.-Pres. & Gen. Mgr.
382—Wallace, A. J., Loco. For.
751a—Wallace, C.M., Asst.Supvr. Tel. & Sig.
139f—Wallace, E., Rd. Mast.
322a—Wallace, F. C., M. M.
496—Wallace, J. A., Sec.& Treas.
229—Wallace, J. C., Gen. Aud.
695a-695b—Wallace, J. C., Asst. Ch. Eng.
927b—Wallace, J. D., Trk. Supvr.
47—Wallace, O. A., Supvr. Car Rep.
428—Wallace, Q. P., Gen. For. Car Dept.
322—Wallace, R. H., Pass. Traf. Mgr.
173,792—Wallace, W., Sec.
206, 207—Wallace, W. H., Car Acct., Aud.
757—Wallace, W. H., Supt.
626a—Wallace, W. L., Clm. Agt.
708—Wallace, W. M., Atty.
382—Wallen, J. . Dist. Rd. Mast.
751b—Wallen, J.D., For.Car Rep.
40a—Waller, E., Sig. Supvr.
507—Waller, F.,Gen. For. Mech. Dept.
398—Waller, G. E., Mgr.
137b—Waller, S. J., Asst. Eng.
927b—Walley, J.M., Trk. Supvr.
191—Walling, V. R., Prin. Asst. Eng.
851—Wallis, B. C., Frt. Trf.Mgr.
629—Wallis, G.W., Rd. Mast.
751, 1850e,1884—Wallis, J.T., Ch. M. P., Chman., Pres.
927—Wallis, L. G., Drain. Eng.
186—Walliser, J., Asst.Div.Supt.
186—Walliser, W., V.-Pres.
428—Wallom, L., Supvr.
931b—Wallower. E. Z., V.-Pres.
931b—Wallower, F.C., Pres.& Gen. Mgr.
137—Walmsley, W., Aud.
739a—Walsh, C., G. B. A.
751—Walsh, C. E., Asst.Pur.Agt.
831—Walsh, C. H., Treas. & Pur. Agt.
930—Walsh, C. R., Asst. Mgr. Din. Cars, Hotels & Rest.
351—Walsh, E. C., Pur. Agt.
831—Walsh, E. C., Pres.
314—Walsh, E. N., Mech. Eng.
186—Walsh, E. P., Div. Str. Kpr.
41—Walsh, F. O., Supt. M. P.
1001b—Walsh, G. M., Gen. For.
629—Walsh, G. R., Asst. Eng.
140—Walsh, J., Pres.
137b—Walsh, J., Gen. Car For.
139b—Walsh, J. C., Rd. Mast.
322—Walsh, J. G., Asst. V.-Pres
931a—Walsh, J. H., Div. Supt.
798, 958—Walsh, J. H., Gen.Mgr., Pres.
323—Walsh, J. J., Aud. & Car Acct.
628a, 628b—Walsh, J. L., Supt. Safety.
498, 1857—Walsh, J. M., Supt., 2 V.-Pres.
831—Walsh, J. W., Gen. Mgr.
381b, 661b—Walsh, M., V.-Pres. & Traf. Mgr.
831—Walsh, M. A., 1 V.-Pres. & Gen. Coun.
139a—Walsh, N. W., Rd. Mast.
47—Walsh, P. H., Gen. Str.Kpr.
958—Walsh, T. N., G. F.&.P.A.
204a—Walsh, W., Rd. Mast.
958—Walsh, W. J., M. M.
58a—Walsh, W.M., Asst.Str.Kpr
180—Waltemade, G., For. Loco. Rep.
58a—Walter, A.W., Mast. Carp.
1690—Walter, E., Supt.
64—Walter. I. W., For. Loco. & Car Rep.
675—Walter, J. I., V.-Pres.
322—Walter, L. W., Insp. Eng.
428—Walters.A.E., Div.Str.Kpr.
1541d—Walters, E. L., Traf. Mgr.
186—Walters, F., V.-Pres.
299—Walters,G.B.,Supvr.Track.
47, 166, 549—Walters. H., Chman.
159—Walters,H.B.,Coal Frt.Agt
956—Walters, J. F., Gen. Mgr.
927b—Walters, L. C., Sig. & Elec. Eng.
137g—Walters, R., Supt. Water Serv.
628b—Walthall, W., Asst. G.F.& P. A.
58—Walther, A. G., Asst.Supvr. Shops.
629—Walther, C., Supvr. B. & B.
751b—Walther.C.W.,For.CarRep.
58—Walther, E.W., Asst.to Pur. Agt.
751b—Walther,G.C.,For.Car.Rep
111—Walton, A. G., Supt.
111—Walton, A.K.,Pres.&Treas.
139—Walton, G. A., G. P. A.
98—Walton, H. S., Supvr. A.B.
137b—Walton, J. A., Loco. For.
751—Walton, J. P., Asst. Eng. Brdgs.
137c—Walton, N. B., Gen. Supt.
342—Walton, P. G., Supt. Term.
139b—Walton, R., Div. M. M.
1021—Walton, R. A., Asst. G.F.A.
55—Waltz, B. E., V.-Pres.
198—Waltz, E. L., Sig. Supvr.
200—Wampler, C. E., Rd. Mast.
1812—Wampler, F., Comr.
927a—Wampler, J. W., Rd.Mast.
629—Wamsley, C., Sr. Asst. Eng.
382—Wamsley, C. C., Loco. For.
207, 1866—Wanamaker, E., Elec. Eng., Pres.
981—Wanbecq, J., Ch. Eng.
79—Wangerow, W., Mast.Carp.
308—Warburton, E. L., Supt.
751—Ward, A., Asst. Gen. Solr.
367—Ward, A. S., Rd. Mast.
392a—Ward, C. D., Aud.
751—Ward, C. E., Aud.
413—Ward, C. H., Supvr. Trk.
428—Ward, C. S., Supvr.
1611a—Ward, D. G., Traf. Mgr.
737a—Ward, E. C., Pres.
879b—Ward, G. C., V.-Pres.
137b—Ward, G. F., Loco. For.
886—Ward, H., Gen. For. Car Dept.
137a—Ward, H. A., B. & B. Mast.
539—Ward, J. B., Rd. For. Eng.
933a—Ward, J. F., Loco. For.
929a—Ward,J.L.,Asst.G.F.&P.A.
176—Ward, L. S., Gen. Car Insp.
195b—Ward, O. E., M. M.
929a—Ward, R., M. M.
137c—Ward, R.W., Car For.
1022—Ward, T. J.,Supvr. B. & B.
434—Ward. W. H., G. F. A.
407—Warden, E. H., Sec.
628a, 628b—Warden, H. M., Mech. Supt.
824—Warden, Jr., H. W., V.-Pres.
629—Warden, R. E., Eng. Public Improv.
137e—Wardlaw, J. W., Gen. Mgr.
150,1076b—Wardle, J. D.,Ch.Eng.
275—Wardlow, M. H., Str. Kpr.
179—Wardner, H. S., Treas.
751a—Wardrop, W. M., Gen. Supt.
207—Ware. B. C., Mast. Carp.
58a—Ware, W. C., Dist. Str. Kpr.
186—Wareham, F., For. Paint.
1001a—Warfel, G. H., Rd. Mast.
259—Warfield, H.H., Sec. & Asst. Treas.
560, 886—Warfield, S. Davies, Pres., Pres. & Chman.
523—Warg, E. D., Supvr. Sig.
949—Waring, D. T., Asst. to V.-Pres.
751—Waring, F. M., Eng. Tests.
47—Waring, O. T., Dist. Supt.
629—Wark, R., Trav. A. B. Insp.
693—Warne, C. C., 1st Asst. Pur. Agt.
428—Warnecke, J. G., Div. Str. Kpr.
832—Warneke, H. P., 2 V.-Pres.
832—Warneke, T. R., V.-Pres.
206,207—Warner, A. B., V.-Pres., Gen. Mgr.
1287—Warner, E. B., Treas.
137b—Warner. G. S., Rd. Mast.
757—Warner, G.W., Fuel Supvr.
693b—Warner. H. E., Supt. Shops
1890—Warner, H. E., Pres.
478—Warner, H. L., Gen. Mgr.
413—Warner, L. A., Asst. Eng.
472—Warner, S. G., G. P. & T. A.
885—Warner, W., Ch. Eng.
322c—Warner, W. W., Shop. Supt
186—Warnes, W. E., Div. Str. Kpr.
984—Warnick, W. J., Supt.
137c—Warning, G. H., M. M.
137b—Warren, A. E., Gen. Mgr.
696—Warren, A. J., Sig. Supvr.
847—Warren, A. R., Rnd. Hse. For.
394a—Warren, C. C., Rd. Mast.
1827—Warren, F. B., Sec.

860—Warren, F.C., Gen.Str.Kpr.
616—Warren, F. D., Supvr.
394a-Warren, G. E., Asst. Sec. & Asst. Treas.
729—Warren, H. C., Sec.
978—Warren, H. C., V.-Pres. & Gen. Mgr.
87, 395a—Warren, H. E., Mgr. Pur. & Strs.
275—Warren, H. M., Elec. Eng.
40c—Warren, J. B., Rd. Mast.
47—Warren, J. C., Rd. Mast.
176—Warren, J. H., For. Car Dept.
487—Warren, J. J., Ch. of Board.
949, 977—Warren, L. C., Gen. Mgr.
847—Warren, T. J., Div. Rd. Mast.
207—Warren, T. P., Div. Eng.
696—Warren, W. D., Maint. Eng.
521—Warriner, S. D., Pres.
815—Warthen, H. J., Supt. M. P.
179a-Washabaugh, E. W., Sec.
218a—Washam, F., Mast. Carp.
771—Washburn, A., Rd. For. Eng.
58—Washburn, E. C., V.-Pres
180—Washburn, R. H., Asst. Eng
623, 693c—Washer, C. A., Gen. Coal & Ore Agt.
927b-Wasnington, G. T., Supvr. B. & B.
693a-Wass, F. E., Sig. Supvr.
229—Wass, W. E., Supvr. B. & B.
322—Wasson, E. S., Sta.
79—Wasson, F. J., Car Acct.
412—Wasson, H. Q., G. F. A.
927a—Wassum, J. W., Gen. Supt.
176—Waterfield, D. B. Shop Eng.
751a—Waterfield, O. W., For. Eng. Floating Equip.
294, 297—Waterman, F. M., Asst. Sec. & Asst. Treas., Asst. Treas.
691—Waterman, G. O., Aud.
696—Waterman, I. D., Asst. Ch. Eng.
195—Waterman, J. H., Supt. Tim. Preserv.
624—Waterman, W. M., Treas.
157—Waters, E. M., Supvr. Trk.
948—Waters, F. E., Pres.
629—Waters, J. B., Elec., Supvr.
927b-Waters, J. H., Rd. Mast.
157—Waters, W. V., Supvr. Trk.
137—Waterston, T., Gen. Solr.
137b-Watkins, A., Loco. For.
356—Watkins, E., Gen. Coun.
47—Watkins, E. L., Asst. G. F. A.
693b-Watkins, F. W. Asst. Div. Supt. & Supvr. Trk.
930—Watkins, H. B., Rd. Mast.
737a-Watkins, H. M., Sec. & Aud
6—Watkins, H. Y., Rd. Mast.
1021—Watkins, J., Supvr.
1627a-Watkins, J. C., Traf. Mgr.
1524a—Watkins, J. M., V.-Pres.
523—Watkins, J. W., Dist. Str. Kpr.
627c-Watkins, L. A., Gen. Aud.
981—Watkins, R. C., V.-Pres. & Gen. Mgr.
549—Watkins, R. D., Supvr.
279, 821—Watkins, R. F., Sec. & Treas.
549—Watkins, T. L., Supvr.
1809—Watkins, W. E., Spec. Atty.
382—Watland, G. R., Dist. Str. Kpr

1073—Watrous, R. C., Pres.
751b-Watson, A. C., Div. Supt.
259—Watson, A. T., Gen. Pur. Agt.
42—Watson, B. H., Rd. Mast.
307—Watson, B. W., M. M.
305b-Watson, C. F., Asst. to Pres.
322a-Watson, C. W., Supt. Marine Dept.
259—Watson, C. W., Pres.
195b-Watson, C. W., Rd. Mast.
382—Watson, D. J., For. Paint.
327—Watson, E. H., Sec. & Treas.
751a-Watson, E. L., Insp. Sig.
930—Watson, F. E., G. P. A.
137b-Watson, F. J., Frt. Traf. Mgr
305—Watson, G. G., M. M.
97—Watson, G. H., Div. Eng.
204a-Watson, H., For. Paint.
180—Watson, J., Supvr.
635—Watson, J. C., Treas.
860—Watson, J. D., Gen. Traf. Mgr.
751—Watson, J. G., Asst. to Sec.
771—Watson, J. R., Rd. Mast.
382—Watson, J. S., Div. Supt.
629—Watson, J. T., Asst. Supt.
1009d-Watson, L. E., Supt.
1001b-Watson, L. L. Sta.
157—Watson, P. C., For. Car Dept.
473—Watson, Jr., P. J., Supt.
563—Watson, P. N., Supvr. B. & B.
847—Watson, R. A., Supvr. Tools
322—Watson, R. B., Eng. Tests.
157—Watson, R. P., Str. Kpr.
137—Watson, T. G., Tax Comr.
927a-Watson, T. R., Trk. Supvr.
549—Watson, W. L., Supvr.
137c-Watt, A., M. M.
137—Watt, G., Supt. Sup.
424—Watt, J., Supt. Equip.
186—Watt, J., Rd. Mast.
549—Watt, J. R., Gen. Rd. Mast.
137c-Watters, C., Str. Kpr.
137c-Watters, J. P., Loco. For.
716—Watters, R. J., Asst. Air Brk. Insp.
1918—Watts, G. E., Treas.
705—Watts, H. B., Asst. Rd. For. Eng.
1021—Watts, H. E., Pass. Traf. Mgr
439—Watts, H. G., Supt. Frt. Loss & Dam. Clms.
1400a—Watts, H. G., Traf. Mgr.
629—Watts, H. M., For. Car Dept.
428—Watts, J. F., Supvr.
847—Watts, O. N., Asst. Supt.
927b-Watts, R. F., Term. Supt.
549—Watts, R. F., Asst. Car Acct.
382—Watts, W. C., For. Paint.
439—Watts, W. E., R. E. & Tax Agt.
39, 344a—Watzek, J. W., Treas.
89—Watzek, Jr., J. W., Sec.
170—Waugh, C. F., Aud. & Traf. Mgr.
538—Way, C. S., Aud.
137b-Way, W. B., Supt.
1278, 1556—Waybright, H. M., Traf. Mgr., Mgr. Traf. Bur.
915—Weakley, C. B., Treas.
85—Weakley, W. E., Traf. Mgr.
204a-Wean, G. W., Rd. Mast
382—Wear, F., Div. Supt.
927a-Wearn, J. S., Asst. Eng. Maint.

275—Weatherbee, W. B., Gen. Elec. Insp.
964—Weatherby, E. P., Sig. Eng.
952—Weatherhead, R. F., V.-Pres.
616—Weatherill, C. S., Asst. Eng.
549—Weatherly, S., Supt. Perishable Frt.
424—Weatherwax, H. B., V.-Pres.
157—Weaver, C. E., Eng. M. W.
137b-Weaver, C. F., Supt. Car Shops.
907—Weaver, C. G., Aud.
693b—Weaver, C. H., Supvr. Air Brk.
305—Weaver, D., Sec.
539—Weaver, E. M., Eng. M. of W.
472—Weaver, H. A., G. F. A.
1001d—Weaver, H. C., Mech. Eng.
58b—Weaver, J. E., Supvr. Rds.
1047—Weaver, J. H., Pres.
1608a—Weaver, L. A., Mgr. Trans
204b-Weaver, L. E., Sig. Insp.
349—Weaver, O. D., Aud.
345—Weaver, R. N., Car Acct.
696—Webb, A. G., Supt. Din. Cars.
629—Webb, A. H., Supt.
931a-Webb, C. G., Frt. Clm. Agt.
207—Webb, C. W., Rd. Mast.
600—Webb, E. R., Div. M. M.
204b-Webb, F. M., Rd. Mast.
356—Webb, F. W., M. M.
305b-Webb, G. L., Sec.
751a-Webb, G. S., M. P. Insp.
279—Webb, H. C., Rd. Mast.
176—Webb, H. E., Div. Supt.
137b-Webb, J., Loco. For.
629—Webb, J. E., Supvr. Water Serv.
1039—Webb, J. S., Sig. Insp.
964—Webb, O. B., Asst. to Pres.
382—Webb, R. C., Ch. Surg.
137—Webb, W. C., Gen. Clm. Agt.
58—Webber, C. R., Asst. Gen. Atty.
376—Webber, D., Sec.
137e-Webber, H., Asst. Comp.
465—Webber, T. B., Recr.
439a-Weber, C. A., Sec. & Treas.
562—Weber, E., Pur. Agt., Asst. Sec. & Asst. Treas.
581—Weber, E. J., Car Acct.
693b-Weber, G. A., Str. Kpr.
964—Weber, G. A., Supt. Shop.
886—Weber, J. H., Asst. Rd. For. Eng.
40c-Weber, M., Div. For.
1814—Webster, C., Comr.
189—Webster, F. E., G. F. A.
504b-Webster, F. R., Pur. Agt.
151a, 611a, 1020d—Webster, F. W., Gen. Mgr., V.-Pres. & Gen. Mgr.
298, 619—Webster, G. W., Asst. to Pres., V.-Pres.
82—Webster, H. D., Eng. M. P.
693, 693c—Webster, J., Asst. Traf. Mgr.
628b-Webster, J. M., Shop Supt.
314—Webster, J. W., Valua. Eng
716—Webster, M., Rd. Mast.
387—Webster, N., Aud.
7c-Webster, W. L., Sec. & Aud.
322a-Weccheider, H. J., Trk. Supvr.

195b—Weckwerth, W. W., Rd. Mast.
195b—Weckworth, S.H., Rd.Mast
137c-Wedge, L., Supt. Loco. Shops
847—Weed, J. H., Div. Rd. Mast.
828a—Weed, J.M., Sec. & Gen. Mgr.
440—Weedon, B., Traf. Mgr.
927—Weedon, R.E., Supt. Rdway. Shops.
137b—Weegar, W. E., Supt.
862a—Weeks. C. M., V.-Pres.
808—Weeks, E.J., Asst. Pass. Traf. Mgr.
229e—Weeks, H. E., Treas.
629—Weeks, M. F., Asst. Supt.
930—Weeks, O., Div. Eng.
468a—Weeks, W. H., V.-Pres. & Gen. Mgr.
847—Wegman, A. A., Rnd. Hse. For.
182—Wegmiller, E. J., Gen. For.
814—Wegscheider, E. J., Sec.
931—Wehner, A. W., Rd. Mast.
931a-Wehner, F. W. H., Rnd Hse. For.
716—Weichert, W. T., Rd. For. Eng.
40, 395—Weidel, J., Valua. Eng.
693a—Weidell, W., Rd. For. Eng.
1888—Weideman, L. C. H., 1 V.-Pres.
204a—Weidenhamer, W. M., Gen. Supt.
1051—Weidman, B., Ch. Elec.
1895—Weidman, L. E., V.-Pres.
437c—Weidmer, F., Clm. Agt.
1051—Weidrick, M., Supvr. B. & B
886—Weigal, J. B., Gen. Inter. Insp
751a—Weight, G.C., Gen. Car Insp.
472—Weigman, E. H., M. C. B.
1876—Weigmann, C. R., Pres.
176—Weik, O. F., Gen. Car Insp.
1881—Weil, C. T., 4 V.-Pres.
629—Weiland, W., Rd. Mast.
199—Weiler, E., Car Acct.
395—Weiler, G. S., Gen. Car. For.
467—Weimer, J. A., Supt. Trans.
842—Weindel, H., Div. Str. Kpr.
1001a—Weindel, W., Div. Str. Kpr.
1030a—Weinland, E.W., Eng. M. W
757—Weir, C. F., Supvr. B. & B.
549—Weir, C. M., Supvr.
930—Weir, D.S., Asst. Div. Supt.
1059a—Weir, H. E., Ch. Eng.
719—Weir, T. A., Rd. Mast.
886—Weirdorf, J. P., Asst. Insp. Strs.
637—Weis, H. T., Supt. Power Plant.
139e-Weisbrod, P. F., Asst. Supt.
269—Weisbrook, F.S., Eng. M. W.
1927—Weischiedel, A., Traf. Mgr.
716—Weisenburger, F. V., Timb. Agt.
927a-Weisgarber, H. B., For. Paint.
41—Weisiger, J.P., Asst. G.F.A.
1855—Weiss, J.F., Asst. Coun.
1051—Weiss, W. W., Supt.
927b-Weitzel, G. A., Gen. For.
582—Weitzel, J., M. M.
1020c-Welboan, F., Shop Supt.
235—Welborn, J. F., Pres.
1572b-Welborne, P. H., Traf. Mgr.
763—Welch, A., V.-Pres. & Gen. Mgr.
969—Welch, A. H., M. M.
204b-Welch, F. J., Ch. Carp.
204—Welch, J., Asst. Sec. & Asst. Treas.
930—Welch, J., Rd. Mast.
40c-Welch, J. A., Rd. Mast.
693c-Welch, J. F., Supvr. Trk.
274a-Welch, J. J., Recr., Supt. & G. F. & P. A.
1704—Welch, J. J., V.-Pres.
97—Welch, M., Supvr. Trk.
693a-Welch, M. E., Div. Supt.
58b-Welch, R.S., Asst. Eng. Trk.
209—Welch, T. W., Rnd. Hse. For.
629—Welch, W. P., Rd. Mast.
661b-Welcher, G. W., Supt.
428—Weld, C. F., Sig. Supvr.
33b-Weld, W., Traf. Mgr.
751a-Weldin, H. F., For. Boiler Shops.
599b-Weldon, J. H., Traf. Mgr.
234, 278a, 349—Weldon, W. C., Pur. Agt.
927a-Welker, G. W., Supvr. B. & B.
705—Weller, H. C., Gen. Supt.
751—Weller, J. E., Traf. Mgr.
930—Welles, G. E. B., Valua. Off.
428—Welling, J. W., Rd. Mast.
176—Wellman, R.L., Asst. Supvr. B. & B.
927a—Wells, A. A., Supvr. B. & B.
40—Wells, A. G., V.-Pres.
157—Wells, A. P., Eng. Tests.
1808—Wells, A. S., Comr.
442—Wells, C. C., M. M.
186—Wells, C. H., Div. Eng.
137a, 137b—Wells, C. W., Asst. Mgr. Rate & Tar. Bu.
1001b-Wells, D.T., Supvr. B. & B.
47—Wells, E. R., Asst. Str. Kpr.
137—Wells. F. C., Dist. Supt.
584—Wells, F. E., Aud.
778—Wells, F. H., G. F. & P. A.
186—Wells, F. L., Supvr. Sig.
139—Wells, G. C., Asst. to Gen. Pass. Traf. Mgr.
277a-Wells. G. M., V.-Pres.
40a-Wells. H.E., Gen. For. B. & B.
1820—Wells, H. G., Comr.
1891a—Wells, H. G., V.-Pres.
198—Wells, J. J., Rd. For. Eng.
248—Wells, J. W., Treas.
693a—Wells, J. W., Rd. For. Eng.
1024a—Wells, L. E., M. M.
539—Wells, L. S., Supt. Tel. & Elec.
968—Wells, L. W., Gen. Mgr. & Car Acct.
322—Wells, N., Asst. Gen. Land & Tax Agt.
1850a-Wells. R. O., Sec. Frt. Stat. Serv.
673—Wells, T. T., Compt.
616—Wells, W. B., Frt. Clm. Agt
916—Wells, W. S., G. F. A. & Frt. Clm. Agt.
218a-Welsh, D. J., Rd. For. Eng.
549—Welsh, E. H., Sig. Supvr.
600—Welsh, F. S., Mgr. Stock Yard & Agric.
306a—Welsh, G. W., Asst. to Pres.
949, 977—Welsh, H.J., G.F. & P.A.
1858, 1858a, 1858b, 1858c, 1858d—Welsh, J. W., Sec.-Treas.
180—Welsh, L.P., Gen. Elec. For.
1031d—Welsh, M.A., Supt. & Traf. Mgr.
693c—Welsh, P. B., Supvr.
716—Welshinger, J.H., Rd. Mast.
693a—Welty, H. T., Eng. Struct.
382—Wemyss, A. G., Loco. For.
549—Wendling, G. C., Rd. Mast.
774a—Wendt, J. S., Gen. Atty.
1619b—Wennagel, H.E., Traf. Mgr.
523—Wenner, E.R., Supvr. B. & B.
1500—Wennerskold, R., Traf. Mgr.
751a-Wenrich, M.L., Rd. For. Eng.
382—Wenstrom. A. I., For. Paint
186, 209—Wenter, Jr., F., Gen. Clm. Agt.
82—Wentling, C. F., Supvr. Struct.
641—Wentz, G. J., M. M.
695e-Wentz, W. F., Supt. Trans.
345—Wenzel, J. E., Str. Kpr.
693b-Wenzel, J. J., M. M.
681—Weppler, H.C., Aud. & Asst. Sec.
616—Werlich, C.A., Asst. G.F.A
439—Werner, W. J., Aud.
139—Wertheim, S., Sup. Din., P. Cars & News Serv.
629—Werthmueller, L. S., Asst. Eng.
242—Wescott, G. H., Gen. Mgr.
808—Wescott, R., Asst. Supvr.
58a—Weser, C. M., Asst. Str. Kpr.
629—Wesley, J. B., Chemist.
415—West, A. B., Pres. & Gen. Mgr.
139e—West, A. M., Div. M. M.
40b—West, B. A., Div. Supt.
874—West, E. E., Pres.
1841—West, E. H., Comr.
1471—West, E. H., Traf. Mgr.
451—West, E. M., Sec. & Treas.
355a—West, G., Aud.
751a—West, G. S., Asst. M. M.
597—West. G. W., G. F. & P. A.
1819—West, H. E., Chman.
382—West, J. Car For.
655a—West, J. A., Sec.
1702—West, J. J., Supt.
987—West, J. M., Pres.
40b—West, O., Rd. Mast.
596a—West, O. C., Ch. Surg.
58—West, O. E., Asst. Ch. of Yd. & Term. Oper.
40c—West, O. R., Div. Eng.
1056—West, R. A., Supt.
693—West. S. H., Gen. Atty.
58b—West, S. J., Supvr. Rd.
369—West. W. D., Supvr. Trk.
159—West. W. E., Asst. Sec. & Asst. Treas.
156—West, W. F., Gen. Mgr. & Sec.
695—West, W. F., Asst. Gen. Solr
242—West. W. K., Ch. Surg.
693b—Westall, W. T., Asst. Dist. M. C. B.
47—Westberry, C. F., Str. Kpr.
935—Westbrook, J. G., Aud.
186—Westbrook, C. H., Asst. Gen. Aud.
128—Westbrook, E.L., Gen. Atty.
428—Westbrook, J. T., Asst. Eng.

137g—Westbrook, W. H., Supt. Shops.
629—Westcott, G. R., Asst. Eng.
696—Westcott, H. R., Rec. Eng.
507—Westen, C., Gen. Car For.
1001c—Wester, C. A., Rd. Mast.
964—Westerfield, C., Gen. Rd. Mast.
382—Westergard, P., Dist. Rd. Mast.
452—Westergren, A., Rd. Mast.
40a—Westerhaus, J., Rd. Mast.
847—Westerhouse, L. W., Gen. For.
927—Westerman, F. N., Asst. G. P. A.
204b—Westermark, N. J., Sig. Supvr.
195, 195b—Westervelt, E. M., Land & Ind. Commr.
498—Westfall, C. C., Eng. Brdg.
58a—Westfall, D. S., Supvr. Rds.
403—Westfall, J. B., Sec.
1013—Westfield, A. B., Supt.
1233—Westgate, C. R., Traf. Mgr.
675, 879a—Westington, S. P., Aud., Treas.
646—Westlake, A., Sec.
619—Westlake, J. E., R. of W. & Asst. R. E. Agt.
751b—Westlake, J. J., Supvr.
68b—Westlund, E., Asst. Str. Kpr.
716—Weston, J. H., Rd. For. Eng.
1523c—Westphalen, C. H., Traf. Mgr
204a—Wetherell, J. G., Asst. Eng.
927b—Wetzel, C. C., Trk. Supvr.
1031—Weyerhaeuser, F. E., V.-Pres
295—Weyerhaeuser, J. P., V.-Pres
295—Weyerhaeuser, R. M., Pres.
629—Whalen, J. M., Div. M. M.
204a—Whalen, J. P., Rd. Mast.
137b—Whalen, L. A., Car For.
693a—Whalen, L. E., Asst. Sig. Supvr.
696—Whalen, T. F., Div. Str. Kpr
203, 204a—Whalen, W. J., Rd. Mast.
176—Whanger, S. A., Str. Kpr.
137b—Wharry, W., Gen. Rd. Mast.
1800b—Wharton, A. O., Comr.
139h—Wharton, G., Rd. Mast.
666—Wharton, W. H., Asst. G. F. A.
1646—Whatley, G. P., Traf. Mgr.
428—Whatley, L. E., Supvr.
705—Wheary, J. R., Gen. For.
1803—Wheat, C. I., Atty.
207—Wheatley, B. L., Supvr. Fuel Economy.
847—Wheatley, C. E., Div. Str. Kpr.
176—Wheatley, T. J., Gen. For.
275—Wheaton, F. L., Div. Eng.
210, 273—Wheaton, W. J., Val. & M. W. Eng., Eng.
933a—Wheaton, W. S., Gen. For.
563—Wheeler, B. T., Ch. Eng.
139b—Wheeler, C. A., M. M.
751b—Wheeler, C. M., Supvr. Tel. & Sig.
58a—Wheeler, C. R., Asst. Str. Kpr.
195b—Wheeler, E. J., Gen. Car Insp.
564—Wheeler, E. W., Gen. Coun.
497—Wheeler, F. H., Elec. For.
333b—Wheeler, F. S., Div. Eng.

600—Wheeler, G. F., Frt. Clm. Agt.
322—Wheeler, G. R., Gen. E. Frt. Agt.
1054—Wheeler, H., Gen. Mgr.
318—Wheeler, H. B., Sec. & Treas.
1701—Wheeler, H. H., Aud.
879b—Wheeler, H. L., Supvr. Eng.
97—Wheeler, H. R., Treas.
549—Wheeler, J. R., Div. Supt.
407—Wheeler, Jr., N. P., V.-Pres. & Gen. Mgr.
18, 530—Wheeler, S. D., Treas., Aud. & G. F. A.; Sec., Treas., Aud. & G. F. A.
695c—Wheeler, V. A., Treas.
563—Wheeler, W. A., Asst. Div. Supt.
159—Wheeler, W. A., Str. Kpr.
186—Wheeler, W. L., Asst. Gen. Str. Kpr.
97—Wheelock, L. N., Asst. Supvr
180—Wheelock, W. W., Recr.
137b—Wheelwright, B., Spec. Eng.
1026—Wheless, O. W., Gen. Aud. & Frt. Clm. Agt.
523—Whelpley, G. N., For. Frt. Agt.
137c—Whillans, W. J., Supt. Work Equip.
413—Whipple, C. A., Asst. Eng.
1001—Whipple, G. L., Gen. Supt. Trans.
695e—Whipple, H. B., Gen. Mgr.
322—Whipple, H. T., Gen. Atty.
176—Whipple, W. J., Gen. Insp. Trk.
927a—Whisnant, I. M., Jr. Eng. Maint.
176, 413—Whitaker, F. M., V.-Pres.
560—Whitaker, G. H., Traf. Mgr.
346—Whitaker, J. A., For. Paint.
755a—Whitaker, W. B., Supvr. B. & B.
97—Whitcher, R. P., Div. Car For.
97—Whitcomb, C. A., Sig. Supvr
693b—Whitcomb, L. L., Sig. Supvr.
186—Whitcomb, O. E., Rd. For. Eng.
929a—Whitcombe, M. L., Asst. Treas.
927a—White, A., Gen. Rd. For. Eng.
771—White, A. A., Gen. For. Car Dept.
123—White, A. B., Supt.
195—White, A. E. Commissary.
1001d—White, A. R., Sig. Eng.
1534a—White, A. R., Traf. Mgr.
182—White, A. W., Div. Eng.
176—White, A. W., Asst. Div. Eng.
130—White, B. T., V.-Pres.
49—White, C., Mech. Supt.
47—White, C. A., Shop Supt.
601—White, C. E., Sec. & Treas.
635—White, C. M., Gen. Supt.
751c—White, C. S., Rd. For. Eng.
693—White, C. S., Pur. Agt.
273a—White, D. P., Aud.
629—White, E. J., V.-Pres. & Gen. Solr.
751a—White, F. B., For. Car Shops.
207, 1202—White, G. E., G. F. A., Traf. Mgr.
751b—White, G. H., Supvr. Tel. & Sig.

395a—White, G. M., G. P. A.
1801—White H., Atty.
809—White, H. A., Gen. Mgr.
137b, 137g—White, H. C., Supt. Term.
275—White, H. E., Rd. Mast.
927b—White, H. G., Gen. For.
629—White, H. H., Asst. Eng.
386—White, H. M., Rd. Mast.
878—White, H. O., Rd. Mast.
365—White, I. R., Supt. C. S.
751a—White, J. C., Supvr.
428—White, J. D., Supt. Safety
549—White, J. E., Div. M. M.
930a—White, J. E., Treas.
40a—White, J. F., Div. Str. Kpr.
47—White, J. L., Supt. Trans.
130—White, J. P., Pres., Gen. Mgr., Aud. & G. F. & P. A.
1001c—White, J. W., Aud.
268—White, J. W., V.-Pres.
428—White, J. W., Sig. Supvr.
927a—White, J. W., Gen. For.
1020c—White, J. W., Supt.
101—White, L. H., V.-Pres., Gen. Mgr. & Treas.
322c—White, L. L., Div. Supt.
677a—White, M. A., Supt.
401—White, M. B., Treas.
716—White, N. P., M. M.
305a—White, N. S., Pur. Agt. & Gen. For.
176—White, P. D., Rd. For. Eng.
229—White, P. T., Gen. Supt.
159—White, R. B., Str. V.-Pres.
517—White, R. B., V.-Pres. & Treas.
721—White, R. B., Pres.
159—White, R. B., Sr. V.-Pres
275—White, R. M., Div. Supt.
549—White, R. S., Supvr.
101—White, T., V.-Pres.
847—White, T. J., Rd. Mast.
137c—White, T. P., Supt. C. S.
137c—White, T. W., Dist. Eng.
751a—White, U. F., Supvr.
137b—White, W., Asst. Supt.
1001d—White, W. A., Rd. For. Eng
737f—White, W., C., Supt.
40a—White, W. E., Gen. For. B&I
845—White, W. G., Gen. Liv. Stk. Agt.
101—White, W. H., Pres.
1079—White, W. L., Gen. Mgr.
600—White, W. W., Supvr. Air Brakes.
663—Whited, H. W., Gen. Mgr
628a, 628b—Whitehead, C. N., V.-Pres.
369—Whitehead, H. R., Str. Kpr
195—Whitehead, L. M., G. B. Mail & Exp. Agt.
521—Whitehead, W. H., Gen. Aud.
327a—Whitehead, W. J., Asst. Eng. M. W.
983—Whitehill, J. B., Asst. Sec. & Asst. Treas.
428—Whitehorn, A. R., Off. Eng.
549—Whitehouse, P., Rd. Mast
157—Whitehurst, S. A., M. M.
139—Whiteley, G., Asst. Supt M. P.
1071—Whitely, F. M., Local Mgr

306a—Whiteman, F. O., Supt. Frt. Dept.
751—Whiteman, G. W., Ch. Insp.
82—Whiteman, T. C., Clm. Agt.
1040—Whiteman, W. F., Frt. Clm. Agt.
58a—Whitener, H. E., Asst. M. M.
628a, 628b—Whiteinton, W. M., V.-Pres.
5, 636, 776—Whiter, E. T., Pres., V.-Pres.
927a—Whiteside, H., Asst. Eng. Maint.
927b—Whiteside, J. F., Asst. Eng. Maint.
933a—Whitfield, C., Supt. M. W
186—Whitford, W. S., Div. M. M.
860a—Whitham, C. E., Asst. Supt.
40c—Whitham, H., Div. For.
204a—Whiting, C. L., Supt. Term.
229, 600, 692x, 771—Whiting, F. V., Gen. Clm. Atty.
652—Whitlaw, M., Pur. Agt.
751b—Whitlock, C. E., Div. Supt
1218—Whitman, A. J., Mgr.
298, 619—Whitman, E. A., Ch. Eng.
1819—Whitman, E. B., Comr.
751b—Whitman, E. B., Div. Supt.
123a—Whitman, F. E., Treas.
504b—Whitman, L., Ch. Eng.
86a, 868—Whitmarsh, T. C., Pres., V.-Pres.
164—Whitmer, R. F., Pres.
58b—Whitmore, C. S., Sig. Supvr.
432—Whitmore, G. R., Gen. Clms. Atty.
563—Whitney, B. B., Rd. Mast.
677—Whitney, C. H., M. M.
503—Whitney, C. J., G. F. & P. A.
201, 205a, 434—Whitney, E. L., Asst. to V.-Pres.
1009a—Whitney, F. L., Traf. Mgr.
563—Whitney, F. S., Gen. For.
1444—Whitney, G. A., Traf. Mgr
683—Whitney, G. M., Asst. Sec.
565—Whitney, J. B., Mgr.
97—Whitney, J. F., Asst. Div. Eng.
555a, 945, 1009a—Whitney, W. A., V.-Pres.
1803—Whitsell, L. O., Comr.
191—Whitsel, N. B., M. M.
960a—Whitsitt, R. A., Asst. M. M.
58—Whitsitt, W. B., Asst. Mech. Eng.
1886—Whittaker, A. H. Gen. For. Loco. Dept.
341, 927b—Whittaker, J. W., Supt., Term. Supvr.
207—Whittel, C. J., Gen. For. Loco. Dept.
1851—Whittelsey, T. F., Sec. & Treas.
1223—Whittemore, A. D., Traf. Mgr.
666—Whittemore, F., Supt. Saf.
637—Whittemore, J. D., V.-Pres. & Gen. Mgr.
286a—Whittenberger, H. E., V.-Pres.
396—Whitting, G. W. Traf. Mgr.
986a—Whittington, A. G., Gen. Supt.
886—Whittington, H. M., Insp. Stores.
180—Whittington, J. H., Mast. Car & Loco. Paint.
629—Whittington, W. L., Sig Supvr.
1602—Whittle, E. M., Gen. Mgr.
778—Whitwood, C. L., Asst. G. F. A
549—Whitworth, W., Supvr.
774a—Wholey, V. A., Gen. Traf. Mgr.
194—Whonsetler, C. A., Asst. Sec. & Asst. Treas.
40b—Whyman, R. G., Div. Eng.
1001b—Whyte, R. L., Asst. Aud.
207—Wiard, C. J., Gen. For. Loco. Dept.
137g—Wick, C., Car For.
137c—Wickan, J. W., Car For.
204—Wicke, H. A., Supvr. Clm. Prev.
41, 369—Wickersham, C. A., Pres., Gen. Mgr.
312, 369—Wickersham, C. L., Gen. Mgr., Term. Mgr.
705a—Wickersham, L. B., Gen. Supt. & Elec. Eng.
137e—Wickes, H. F., Loco. & Car For
1055b—Wickett, G. D., Pres.
176—Wickham, H. T., Adv. Coun.
62—Wicks, G. E., G. F. A.
716—Wicks, W. V., Rd. For. Eng.
58b—Widener, J. M., Asst. Rd. For. Eng.
808—Wieand, W. G., Supvr.
92a—Wiedeman, C. F., Gen. Aud.
47—Wiegand, C. H., Sig. Supvr.
693b, 693c—Wiegand, F. B., Sig. Eng.
279—Wiegel, C. W., Supvr. Mail, Bag & Exp.
808—Wieland, C. L., Mech. Supvr
297—Wielde, A. J., Car Acct.
716—Wielde, A. L., Aud.
396—Wieman, F. J., Asst. Gen. Supt. & Car Acct.
23—Wiener, E., V.-Pres. & Gen. Mgr.
1263—Wiener, L., Traf. Mgr.
23—Wiener, Jr., S., V.-Pres.
927—Wiesman, E. A., Asst. Eng.
1009c—Wietzel, G. A., Aud.
91—Wigfall, S., Pres.
137—Wiggins, F. N., Gen. Supt. Exp.
837—Wiggins, L. L., Supvr. Trk.
751, 751b—Wiggins, W. D., Asst. Ch. Eng., Asst. Ch. Eng. M. W.
176—Wigglesworth, E. L., Gen. Supvr. Paint.
229, 600, 692x, 771—Wight, S. B., Asst. to Pres.
1531—Wigney, H. M., Gen. Supt. Trans.
286f, 600, 984—Wigren, E. A., Sec., Gen. Aud.
1464—Wikoff, R. O., Traf. Mgr.
195a—Wilber, G. S., Div. M. M.
302—Wilbon, A. H., M. M.
273a—Wilbourn, R. E., Sec.
860—Wilbur, B. E., Rd. Mast.
428—Wilbur, F. T., Supt. Tel.
541—Wilbur, R. H., V.-Pres. & Gen. Mgr.
279—Wilcken, C. H., Asst. Gen. Air Brk. Instr.
160—Wilcock, E., Pres.
137c—Wilcox, A., Gen. Supt. Trans.
428—Wilcox, A. R., Gen. For. Loco. Dept.
279—Wilcox, D. E., Asst. Supt.
201, 205a, 434—Wilcox, E. M., M. C. B.
927a—Wilcox, G. H., Asst. Frt. Traf. Mgr.
1001d—Wilcox, G. R., M. M.
1001—Wilcox, L. T., Asst. to Frt. Traf. Mgr.
434—Wilcox, M. E., For. Insp.
186—Wilcox, N. J., Asst. Gen. Solr.
139e—Wilcox, S. C., Div. Eng.
1891—Wilcoxen, F. S., V.-Pres.
39—Wilcoxon, L. R., Supt.
821—Wild, F., V.-Pres.
58—Wild, M. B., Stat.
382—Wilde, E. H., G. P. A.
751a—Wilde, L. M., For. Mach. Shops.
42—Wilder, A. M., Rd. Mast.
1816—Wilder, I., Comr.
229—Wilder, L. A., For. Paint.
716—Wilder, S. A., Asst. to V.-Pres
629—Wildermuth, E. J., Asst. Eng
97—Wildes, K. N., Asst. B. & B. Supvr.
275—Wildey, F., Asst. Aud.
1687a, 1905—Wildin, G. W., Gen. Mgr., 1 V.-Pres.
218a—Wildman, G. C., Aud.
520—Wildrick, F. F., Aud.
350—Wilds, L. C., Sec. & Treas.
1013—Wilds, W. N., Aud.
58a—Wiles, G. F., Dist. M. P. Insp.
886—Wiles, H. A., Rnd. Hse. For.
523—Wiley, G. W., Asst. Treas.
930—Wiley, J. G., Supvr. B. & B.
58a—Wilfong, L. T., Supvr. Rd.
275—Wilgus, S. G., Str. Kpr.
1402a—Wilharm, J. H., Traf. Mgr.
323—Wilhelm, E. E., V.-Pres., G. F. & P. A. & Gen. Mgr.
558—Wilhelm, L. D., Sec.
207—Wilhelm, J. H., G. F. A.
198—Wilhite, J. A., Car For.
549—Wilhite, O. O., Supvr. B. & B.
931a—Wilke, H. E., Rnd. Hse. For.
58b—Wilkening, H. J., Supvr. Rds
180—Wilkerson, I. V., Div. Str. Kpr.
450—Wilkes, J. L., Pres. & Gen. Mgr.
1001a—Wilkes, O. C., Gen. Rd. Mast
650—Wilkey, M. V., Aud.
650—Wilkey, W. V., V.-Pres. & Gen. Mgr.
616—Wilkin, E. M., Supvr.
927b—Wilking, J. A., M. M.
428—Wilkins, C. M., Gen. For. Loco. Dept.
847—Wilkins, E. S., For. Paint.
137c—Wilkins, L. R., Str. Kpr.
326—Wilkins, R. A., Ch. Eng.
695b—Wilkinson, A. P., Rd. Mast.
845—Wilkinson, A. P., Aud.
428—Wilkinson, G. R., Supvr.
137b—Wilkinson, H. L., Rd. Mast.
186—Wilkinson, J. E., Rd. Mast.
395c—Wilkinson, L. G., Sec. & Supt.
186—Wilkinson, W. J., Rd. Mast.
757—Will, J. B., Gen. Car For.
472—Willahan, A. E., Asst. Eng.

888—Willard, A. C., Supvr.
5, 58, 59, 1850—Willard, D., V.-Pres., Pres., Ch. of Board, Memb. Bd. Dir.
58—Willard, Jr., D., Asst. to Gen. Coun.
001b-Willard, M.O., Asst. to Gen Mgr.
40—Willard, N.W., Asst. to Pres.
886—Willcox, E. T., Asst. Frt Traf. Mgr.
551—Willcox, J. C., Aud.
47—Willcox, J. L., Asst. Eng.
751—Willcox, J. T., Asst. Sec.
737a—Willers, J., M. M.
137b-Willett, A. H., Div. Eng.
1704—Willever, J. C., 1 V.-Pres.
696—Willey, D.F., Asst. to Supt. Shops.
137b-Williams, A., Car For.
139b-Williams, A., Supt.
927b-Williams, A., Trk. Supvr.
930—Williams, A. D., Supt. M.P.
718c-Williams, A. F., Asst. Eng.
751a-Williams, A. J., Ch. Air Brk. Insp.
608—Williams, A. N., Gen. Mgr.
195—Williams, A. T., Asst. Sec. & Asst. Treas.
297—Williams, B., Sec.
440a—Williams, B. F., Car Acct.
549—Williams, B. F., Supvr.
198—Williams, C., Rnd. Hse. For.
47—Williams, C. A., Supvr. Sig. Constr.
159—Williams, C. B., Pur. Agt.
1702—Williams, C. B., Traf. Mgr.
808—Williams, C. C., Asst. G. F. A.
850—Williams, C. F., G. F. A.
662b-Williams, C. H., V.-Pres. & Treas.
693b-Williams, C. M., Div. Supt.
472—Williams, C. O., Asst. G. P. A.
632—Williams, C. R., Div. Str. Kpr.
274—Williams, C. S., Gen. For.
931, 931a-Williams, C. S., Sta.
58—Williams, D. A., Asst. to Pur. Agt.
608—Williams, D. F., Str. Kpr.
751—Williams, D. P., Asst. Gen. Coun.
803—Williams, D. T., Asst. Div. M. M.
186—Williams, E., Fuel Supvr.
166—Williams, E., G. F. & P. A.
705a-Williams, E., Ch. of Bd.
58b-Williams, E. L., Gen. Clm. Agt.
815—Williams, E. R., Gen. Coun.
1039—Williams, E. S., Com. Coun.
549—Williams, E. S., Sig. Insp.
123—Williams, E. V., Supt. M. P.
1817—Williams, F., Comr.
2354—Williams, F. B., Pre
204b-Williams, F. H., R. E. & Tax Agt.
662—Williams, F. L., Aud. & Traf. Mgr. & Supt.
229—Williams, F. L., Supvr. Trk.
87—Williams, F. M., Asst. Treas
279—Williams, G., Frt. Traf. Mgr.
46—Williams, G. D., Supvr.
41—Williams, G. K., Fuel Agt.
927b—Williams, G. M., Trk. Supvr.
374—Williams, G. M. B., Sec. & Treas.
539—Williams, G. P., Asst. Eng. M. W.
472, 962—Williams, G. P., Asst. to Pres.
933a—Williams, G. R., Asst. Compt.
314—Williams, G. W., Asst. Gen. Aud.
1030a—Williams, G. W., 1 V.-Pres. & Gen. Coun.
137c—Williams, H., Loco. For.
186—Williams, H., Rd. For. Eng.
1829a—Williams, H. H., Comr.
204b—Williams, H. W., Supt. M. P.
428—Williams, H. W., Supt.
737g—Williams, J., Pur. Agt.
180—Williams, J., Sec. & Treas.
938—Williams, J. C., Treas.
369—Williams, J. C., Supvr. Trk.
927—Williams, J. C., Mgr. Agric. Devel. Serv.
6—Williams, J. C., V.-Pres. & Traf. Mgr.
886—Williams, J. C., Eng. Bldgs.
1877—Williams, J. E., V.-Chman.
1592b—Williams, J. E., Traf. Mgr
229—Williams, J. F., Supvr. Sig.
61a—Williams, J. M., Aud.
365—Williams, J. S., Recr.
176—Williams, J. S., M. M.
778—Williams, J. W., Car For.
1040—Williams, J. W., Ch. Eng.
1002—Williams, K. G., Res. Eng.
695—Williams, L. B., Treas.
129—Williams, L. D., Supt.
847—Williams, L. O., Asst. Sec & Asst. Treas.
1839—Williams, M., Asst. Eng.
275—Williams, M., Asst. G. F. A.
879b-Williams, M., Gen. Atty.
38a-Williams, M. B., Pres.
1001c-Williams, M. C., Div. Eng.
808—Williams, M. E., Div. M. M.
1001a-Williams, N. A., Gen. Supt.
931a-Williams, P. M., Div. Eng.
47—Williams, R. A., Aud.
629—Williams, R. C., Supt.
428—Williams, R. C., Supvr.
866—Williams, R. D., Traf. Mgr.
628a-Williams, R. D., Asst. G. F. A.
334a, 757—Williams, R. J., Supt. M. P.
182—Williams, R. L., Asst. Sec.
125—Williams, R. S., Sec.
180—Williams, S. A., G. F. A.
600—Williams, Jr., S. D., Div. Eng
89—Williams, T. F., Asst. Supt.
930—Williams, T. H., Asst. Gen. Mgr.
1051—Williams, T. J., Spec. Eng.
716—Williams, T. R., Asst. M. C. B.
751b-Williams, V. C., Asst. Frt. Traf. Mgr.
46—Williams, W., Rd. For. Eng.
92a-Williams, W., G. F. A.
221—Williams, W. D., Eng. M. W
625a-Williams, W. E., Aud. & Gen. Supt.
628a, 628b-Williams, W. E., Mgr. Dept. Personnel.
1913—Williams, W. E., V.-Pres.
886—Williams, W. F., Sup. Tel.
24, 274, 279, 394, 420, 424, 439, 620, 799, 885, 964, 1021, 1060a—Williams, W. H., Ch. of Board, V.-Pres., Ch. Ex. Comm., Ch. of Board, V.-Pres., Ch. of Board, V.-Pres.
693a-Williams, W. I., Rd. For. Eng
757—Williams, W. K., Gen. Solr.
428—Williams, W. S., Gen. Supt.
1039—Williamson, A., Supt.
342—Williamson, A. H., Asst. Eng.
1700—Williamson, C. T., Gen. Mgr.
716—Williamson, F. E., V.-Pres.
307a—Williamson, H. G., Traf. Mgr.
693a—Williamson, J., Dist. Str. Kpr
716—Williamson, J. F., Rd. Mast.
195—Williamson, J. T., Supt. Rel. Dept.
860—Williamson, R., Rd. Mast.
695a, 695b—Williamson, R. A., Asst. G. F. A.
629—Williamson, R. B., Frt. Clm. Agt.
1271a, 1562a-Williamson, R. E., Traf. Mgr.
958a-Williamson, R. W., For. Coach Shops.
549—Williamson, S., Rd. Mast.
705—Williamson, T. H., Supt.
930—Williamson, T. L., Rd. Mast.
389—Willis, E. J., Aud.
47—Willis, E. S., Asst. Sta.
786—Willis, F., M. M.
674a—Willis, G. F., Asst. Sec. & Treas.
647, 840—Willis, J. E., Aud.
628b—Willis, L. E., Rd. Mast.
311—Willis, R. A., Sec., Treas. & Gen. Mgr.
195a—Willis, R. W., Dist. Eng.
600—Williston, B. F., Supvr. Sig. Shops.
1598—Williston, C. S., Clms. Atty.
1865—Williston, C. S., V.-Pres.
434—Williston, H. F., Rd. For. Eng.
693c-Willock, E. C., Str. Kpr.
757—Willoughby, C. F., Asst. M. M.
47—Willoughby, J. E., Ch. Eng.
342—Willoughby, W., Asst. Eng.
494—Willis, B., M. M.
629—Wills, E. C., Asst. Gen. Mgr.
137b-Wills, G., Loco. For.
186—Wills, G. H., Eng. Hse. For.
936a-Wills, G. S., Gen. Supt.
931—Wills, R. F., Rd. Mast.
450—Wilson, G. B., Eng. M. W. & Sig.
751a-Wilson, L. M., M. M.
979—Willys, J. N., Pres.
141a-Wilmar, E. V., Aud.
137a-Wilmot, A. J., Fuel Agt.
207—Wilmoth, G., Rd. Mast.
58a-Wilmoth, L. J., Term. Rd. For. Eng.
428—Wilson, A., Supvr.
275—Wilson, A., Supvr. Fuel.
870—Wilson, A. A., Traf. Mgr.
930—Wilson, A. B., Asst. M. M.
629—Wilson, A. C., Gen. Car Insp.
137c-Wilson, A. F., Rd. Mast.
930—Wilson, A. L., Asst. Aud.

428—Wilson, A. L., Asst. G.F.A.
886—Wilson, A. O., Dist. Eng.
751—Wilson, A. R., Asst. Eng. Brdg.
1871—Wilson, B. J., Treas.
751a—Wilson, C. A., M. M.
931a—Wilson, C. H., Asst. G.F.A.
311—Wilson, C.L., Airbrk.Supvr
139d—Wilson, D., Rd. Mast.
539—Wilson, D., G. F. A. & Frt. Clm. Agt.
1074a—Wilson, D. E., V.-Pres. & Treas.
342—Wilson, D. H., Shop Supt.
382—Wilson, E. B., Car For.
693a—Wilson, E.E., Supvr. B.& B.
182—Wilson, E. H., Asst. Sig. Supvr.
696—Wilson, E. L., Asst. Pass. Traf. Mgr.
40—Wilson, F. A., Sta.
342—Wilson, F. E., Gen. Boil. Insp.
229a—Wilson, F. H., Pres. & Gen. Mgr.
275—Wilson, F. K., Rd. For. Eng.
428—Wilson, F. M., M. M.
471—Wilson, F. M., Recr.
207—Wilson, F. W., Rd. For. Equip
1001a—Wilson, G., Supvr. B. & B.
693a—Wilson, G. H., Div. Supt.
40c—Wilson, G. L., Rd. For. Eng.
137b—Wilson, G. M., Supt. Shops
1011—Wilson, G. W., Sec.
279—Wilson, H., Supt.
847—Wilson, H. B., Asst. Supt.
1500b—Wilson, H. E., Traf. Mgr.
97—Wilson, H. H., Gen. Rd. For. Eng.
40b—Wilson, H. M., Gen. For.
139—Wilson, H. O., Sta.
1334—Wilson, H. P., Traf. Mgr.
652—Wilson, H. P., Ch. Eng.
629—Wilson, H.R., Asst. G.F.A.
14a—Wilson, J., Car For.
186—Wilson, J., Rd. For. Eng.
719—Wilson, J., Pres.
800—Wilson, J., Sec.
1073—Wilson, J. C., Supt., Treas. & Pur. Agt.
751b—Wilson, J. E., Asst. Supvr. Tel. & Sig.
1506—Wilson, J. E., Traf. Mgr.
705a—Wilson, J. H., Ch. Elec.
705—Wilson, J. H., Asst. G.F.A.
139d—Wilson, J. H., Div. M. M.
674a—Wilson, J. I., Recr.
635—Wilson, J. N., Sec. & Aud.
58—Wilson, J. T., Consit. Eng.
431—Wilson, K.E., Asst. to V.-Pres
870—Wilson, L., Consit. & Elec. Eng.
279—Wilson, L. F., Gen. Supt. Trans.
771—Wilson, L. H., Sig. Supvr.
47—Wilson, McC. B., Aud.
1011—Wilson, M.N., Pres. & Treas
751c—Wilson, O. A., For. Car Rep.
42—Wilson, N. E., Asst. Eng.
511—Wilson, P. M., Rd. Mast.
737g—Wilson, R., Compt. & Asst. Gen. Mgr.
596—Wilson, R., Supt.
580—Wilson, Jr., R., Sec.
212a, 865—Wilson, R. J., V.-Pres., Pres.
696—Wilson, R. M., R. E. Agt.
182—Wilson, R. R., Asst. Eng.
137c—Wilson, R. S., Str. Kpr.
1842—Wilson, R. T., Sec.
40c—Wilson, S., Div. Str. Kpr.
628a—Wilson, S. E., Mech. Insp.
737f—Wilson, S. E., Asst. Supt.
904b—Wilson, S. O., Rd. Mast.
652—Wilson, S. T., Supt.
139d—Wilson, T. A., Supt.
751b—Wilson, T.A., For. Car Rep.
930—Wilson, T.B., Supvr. Trans.
40b—Wilson, T.L., Div. Str. Kpr
221—Wilson, W., Supvr., B. & B.
930—Wilson, W., Div. Supt.
927a—Wilson, W. F., Asst. G.F.A.
705—Wilson, W. H., Compt.
288b—Wilson, W. I., Gen. Mgr.
808—Wilson, W.J., Frt. Clm. Agt.
283—Wilson, W. L., Ch. Eng.
652—Wilson, W. R., Pres. & Gen. Mgr.
693b—Wilson, W.R., Gen. For. Car Dept.
137b—Wilson, W.S., Supt. Trans.
751b—Wilson, W. S., Div. Eng.
203, 204, 1057—Wilson, W. V., Aud., Gen. Aud.
1001c—Wilson, W. W., Rd. Mast.
395—Wilson, W. W., Div. Eng.
176—Wilson, W. W., For. Car Dept.
705b—Wilt, W. G., Aud. & Treas.
751a—Wiltse, D. E., Mast. Carp.
705—Wiltsee, W. P., Ch. Eng.
61b—Wiltsie, N. S., Gen. Supt.
292—Wimsatt, W. A., Pres.
40c—Winans, E., Sig. Eng.
931a—Winborn, H., Rd. Mast.
428—Winborn, T. A., Supvr.
1850h—Winburn, F. E., Spl. Rep. Frt. Clm. Div.
967—Winch, G. B., Pur. Agt.
1904—Winchell, B. L., V.-Pres.
693a—Winchester. P. H., Div. Eng.
1021—Windle, T., Asst. Div. M. M.
546—Windle, T. C., Rd. Mast.
126—Windsor, G. H., G. F. & P. A.
664—Windsor, G. P., Supt.
396a—Winebrener, B. A., Aud. & Asst. Treas.
139—Winegar, B. M., Gen. Tie Agt
367—Wineman, S. P., Trav. Frt. & Pass. Agt.
860a—Winfield. J. C., Asst. G.F. A
322a—Winfield, J. H., M. M.
1299—Winfield. R., Traf. Mgr.
878—Wing, H. S., Recr.
46—Wingate, B. K., Asst. Supvr.
1392—Wing-t, R. H., Gen. Mgr.
132c—Winings, C. M., Pur. Agt.
186—Wink, L. R., Asst. Supt. Car Dept.
195a—Winkler, A. U., Gen. For. Loco. Repr.
751c—Winkler, C. T., Asst. Supt. Rest. Serv.
516—Winkler, J. W., Rd. Mast.
207—Winkless, C. T., Fuel. Agt.
927b—Winn, A., Trk. Supvr.
1629—Winn, A. F., Traf. Mgr.
696—Winn, R.S., Supvr. Commun
629—Winnberg, V.H., Div. M.M.
394a—Winsett, W. F., Str. Kpr.
629—Winship, L., Div. Eng.
97—Winship, L.C., Elec. Supt. & Supvr. P. P.
705a—Winslow, A., Asst. to V.-Pres
600—Winslow, C. G., Asst. Elec. Eng.
628a, 628b—Winslow, E. D. Asst to V.-Pres.
150—Winslow, E. F., Supt.
89—Winslow, F. B., Aud.
873—Winsor, G. H., Pres., Gen. Mgr. & Aud.
1505—Winstead. E. M., Traf. Mgr
1021—Winston. B.C., Asst. Atty. & Gen. Clm. Agt.
927b—Winston, J. N., Asst. Supt.
693a—Winston, P.H., Rd. For. Eng.
617a—Winston, W. O., Treas.
157—Winter, A. A., Asst. Eng.
619—Winter, C.M., Asst. to Gen. Mgr.
886—Winter, J. L., Mast. Carp.
204—Winter, P. G., Lubri. Eng.
82—Winter, P.S., Gen. Car For.
693—Winter, W. F., Asst. Fur. Agt.
58a—Wintermoyer, J. H., Supvr. Rd.
1821—Wintermute, F. M., Ch. Rate Insp.
139b—Winterson, F. A., Asst. Supt
244—Wintersteen, J., Gen. Mgr.
867—Winther, A. S., Gen. Mgr.
1021—Winthrop, H. R., V.-Pres.
693c—Winzenreid, A. E., Gen. For. Car Dept.
229—Wipper, F. H., Asst. G.P.A.
1001b—Wipprecht, R., Aud.
235, 1361—Wire. W., Gen. Mgr. & Traf. Mgr., Traf. Mgr.
195a—Wires, W. R., Rd. Mast.
751b—Wirth, A. A., Asst. Eng.
400, 706—Wirth, G.W., Asst. Aud., Aud.
280—Wirz, S. J., Supt. Tel.
186—Wise, A. J., Rd. Mast.
549—Wise, E. L., Asst. Div. Supt.
946—Wise, F. R., Gen. Supt.
229—Wise, H. H., Supvr. Trk.
58a—Wise, J., Dist. Brdg. Insp.
186—Wise, J. J., Rd. Mast.
860—Wise, J. W., Frt. Clm. Agt.
930—Wise, M.J., Asst. to V.-Chmn
761—Wise, R. W., Sec.
428—Wise, W. G., Trav. Eng.
751b—Wiseman, E. B., Asst. to Div. Eng.
600—Wiseman, F., Rd. For. Eng.
872a—Wiseman, W. R., V.-Pres.
207—Wishart. J. G., Office Eng.
696—Wishart, J. J., Supvr. B. & B.
1902—Wishart. W. C., Pres.
201, 205a, 229, 434, 600, 692x, 771, 837, 984—Wishart, W. C., Compt.
930—Wistner, H. W., Asst. Div. Supt.
359, 437c, 933a—Witchel, A. J., Ch. Eng.
563—Withee, H. R., Asst. Div. Supt.
827—Withers, H., G. F. & P. A.
19, 546a—Withers, R. E., Treas.

308—Witherspoon, A. W., Pres.
47—Witherspoon, W. R., M. M.
696, 1850d—Withington, S., Elec. Eng., V.-Chman.
981—Withrow, J. F., Supt.
176—Withrow, L. W., Ch. M. P. Insp.
279—Withrow, P. C., Mech. Eng.
933a—Withycombe, H., Rd. Mast.
384a, 439—Witmer, B. F., Asst. Eng.
611a—Witt, C. O., M. M.
1703—Witt, H. J., Supt. Constr.
796a—Witt, J. C., Gen. Mgr.
1868—Witt, S. A., Sec. & Treas.
6—Witt, S. J., G. F. & P. A.
579b—Witter, W. C., M. M.
58b—Woerner, A. H., Dist. Eng. M. W.
1001b—Woffington, J. S., Gen. For. Elec. Dept.
386—Wohlfell, L. P., Asst. Gen. Aud.
1850k—Wolcott, C. F., Dist. Mgr.
809a—Wolcott, R. S., V.-Pres.
1001a—Wolcott, W. C., Supt.
619—Wolden, O. E., Fuel Supvr.
428—Woley, L. W., Trav. Eng.
771—Wolf, H. M., Rd. For. Eng.
139f—Wolfe, A. J., Rd. Mast.
207—Wolfe, C. T., Gen. For. Loco. Dept.
180—Wolfe, H. O., Asst. Gen. Str. Kpr.
440a—Wolfe, Jr., J. P., Asst. Aud.
827—Wolfe, R. M., Sec. & Treas.
61a—Wolfe, W. C., Pres.
751c—Wolfe, W. C., Supvr.
757—Wolfenden, W. E., G. P. A.
58a—Wolfersberger, C. O., Supvr. Rds.
58a—Wolfersberger, S. C., Asst. Div. Supt.
139a—Wolff, A. O., Div. Eng.
718c, 1901—Wollner, W. S., Gen. Safety & Fire Insp. Agt., Sec.
808—Woltemate, W. H., Supvr.
260, 950—Wolvin, R. M., Pres.
176—Womack, C. H., Rd. For. Eng.
551—Womack, E. M., G. P. A.
1057a—Womack, O. B., Aud. & Asst. Sec.
608—Womble, J. W., Mech. Supt
1831—Womble, W. G., Rate Clk.
186—Womeldorf, C. F., Div. Eng.
629—Wonson, S. L., Asst. Ch. Eng
97—Wood, A. A., Sig. Supvr.
1008b—Wood, A. D., Pur. Agt.
860a—Wood, A. R., Sec.. Aud.
632—Wood, B. A., Ch. Eng.
847—Wood, B. T., V.-Pres. & Ch. Pur. Off.
58a—Wood, C. E., Supt. Elevators.
930—Wood, D., Eng. Tests.
886—Wood, D. M., Rud. Hse. For.
137—Wood, D. O., Traf. Mgr., Forn. Frt. Dept.
751b—Wood, E. O., Div. Eng.
62—Wood, F., Rd. Mast.
1598—Wood, F. L., Asst. Gen. Mgr
472, 969—Wood, G. B., Asst. to Pres.
528—Wood, G. B., Pres. & Gen. Mgr
40—Wood, G. H., Gen. A. B. Instr.
696—Wood, G. M., Frt. Traf. Mgr.
1811—Wood, H. E., Supvr, Orders
278—Wood, H. F., Traf. Mgr.
989a—Wood, H. F., Asst. Treas.
551—Wood, H. N., Asst. Eng.
137e—Wood, J. B., Treas.
737—Wood, J. G., V.-Pres.
539, 751—Wood, J. M., Asst. Treas.
847—Wood, J. S., For. Water Serv.
1468c, 1532a—Wood, J. S., Traf. Mgr.
40c—Wood, J. W., Gen. For. B. & B
931, 931a—Wood, L. B., Gen. Str. Kpr., Gen. Str. Kpr. & Asst. Pur. Agt.
842—Wood, L. R., Aud.
382—Wood, O. H., Asst Pur. Agt.
847—Wood, P. O., Asst. Supt. M. P
628b—Wood, R. R., Eng. Sig. Const.
705—Wood, T. G., Agri. Agt.
395—Wood, T. O., Pur. Agt.
697—Wood, W. A., Div. Supt.
204a—Wood, W. E., Asst. Dist. Eng
137c—Wood, W. G., Str., Kpr.
428—Wood, W. H., Supvr.
683a—Wood, W. H., Asst. Supt.
382—Wood, W. R., Mech. Eng.
58—Wood, W. W., Ch. Welfare Dept.
927b—Woodall, L. H., Supt.
47—Woodburn, A. H., Rd. Mast.
692x—Woodburn. H. E., Dist. Land Appr.
523—Woodburn, M., Asst. Rd. For. Eng.
563—Woodbury, N. L., Aud.
294, 297—Woodbury, W. H., Valua. Eng.
137c—Woodcock, A., Car For.
801—Woodcock, C., Aud.
1031b—Woodcock, F. W., V.-Pres.
751a—Woodcock, R., Supvr.
42a, 549—Wooddall, F. M., Supt., Supt. Term.
751b—Wooden. H. M., Rd. For. Eng
1008b—Woodhead, J. H., Pres.
40c—Woodling, R. L., Sig. Supvr.
1800a—Woodlock, T. F., Comr.
200—Woodman, C. M., Asst. G. P. A.
97—Woodman, G. M., Supvr. Trk
139a—Woodman, J. M., Gen. Supt.
223—Woodruff, C. W., Mgr. & Treas.
930—Woodruff, E. D., Valua. Eng.
693—Woodruff, G. C., Asst. Frt. Traf. Mgr.
549—Woodruff, J., For. Paint.
927a—Woodruff, J. M., Asst. Frt. Traf. Mgr.
322a—Woodruff, R. E., Div. Supt.
927b—Woods, A. A., Ch. Eng. M. W.
7a—Woods, C. E., G. P. A.
40—Woods, C. H., Gen. Atty.
757—Woods, C. K., Asst. Supt. M. P.
629—Woods, E. J., Scale Insp.
1702—Woods, F. W., Sec. & Treas.
207—Woods, G., Rd. Mast.
40a—Woods, G. D., Shop Supt.
801—Woods, J. C., M. M.
137f—Woods, J. J., Car For.
695a, 695b—Woods, J. J., Supvr. Sta
666—Woods, J. L., Pur. Agt.
757—Woods, J. P., Supvr. B. & B.
628b—Woods, J. R., Rd. Mast.
629—Woods, L. D., Sig. Insp.
885—Woods, M. A., Treas.
58—Woods, M. C., Pres.
467—Woods, R. P., V.-Pres. & Gen. Mgr.
186—Woods, T., Rd. Mast.
303—Woods, W., V.-Pres.
207—Woods, W. W., Rd For. Eng.
751c—Woodson, C. P., Supvr. Tel. & Sig.
1902—Woodson, E. R., Sec. & Treas.
428—Woodson, J. M., Asst. Rd. Mast.
967—Woodul, R. L., Aud. & Car Acct.
274—Woodward, A. C., Ch. Fuel Supvr.
1074a—Woodward, A. H., Chman.
47—Woodward, C., Rd. Mast.
696—Woodward, C. N., Asst. to Gen. Mgr.
150, 956—Woodward, C. S., Sec. & Asst. Treas., Sec.
19, 846a—Woodward, E., Traf. Mgr
123a—Woodward, L. B., Gen. Mgr. & Aud.
539—Woodward, P. H., G. P. A.
137g—Woodward, R. H., Str. Kpr.
751b—Woodward, T. M., Supvr.
583—Woodward, W. A., Aud., Traf Mgr. & Pur. Agt.
716—Woodworth. J. G., V.-Pres.
1020c—Woody, L. W., Asst. G. P. A.
439—Wooldridge, E. D., Gen. Boil For.
274—Woolever, W. B., Gen. For.
927a—Wooley, B. O., Asst. Supvr. B. & B.
40d—Woolf, H. W., V.-Pres. & Gen. Mgr.
58, 59—Woolford, C. W., Sec.
325a—Woollatt. W., V.-Pres. & Gen. Mgr.
695—Woolworth. C. S., V.-Pres.
835—Wooten. H. O., V.-Pres. & Traf. Mgr.
1003—Woozley. D. E., Eng. M. W.
137b—Worby, C. H., Supt. Sl., Din. & Par. Cars & Ry. Rest.
728—Worcester. C. H., Pres.
229, 437—Worcester, H. A., V.-Pres., I V.-Pres.
728—Worcester, M. F., Treas.
290—Word, W. E., Sec.
195a—Worden, E. J., Div. Supt.
927a—Worden, W. E., Gen. For.
9—Work, H., Sec. of Int.
927a—Workman, A. H., Jr. Eng. Maint.
58a—Workman, E. A., Dist. Str. Kpr.
1051—Workman, J. A., For. Paint.
845—Worland. J. M., Loc. Treas.
725b—Worley, E. M., V.-Pres., Gen. Mgr. & Treas.
847—Worman, H. L., S. M. P.
195—Worst, C. A., Supt. Tel.
280—Worth, G. W., Supvr. Br. & B.
14—Worth. S., Supt.
241b, 244, 344b, 742. 764, 917, 935a—Worth. W. C., Pur. Agt
740—Wortham, R. W., Recr.
97—Worthen, G. V., G. B. A.
1704—Worthen, H. C., Gen. Mgr.

1898—Worthen, T. W. D., Comr.
930—Worthington, F. M, Div. Supt
930, 1850b, 1872—Worthington, W. A., V.-Pres. & Asst. to Chman, V.-Chman. Trans. Div., V.-Pres.
186—Worthman, A. J., Div. Supt.
835—Worthy, E. J., G. F. & P. A.
333—Wortman, A. F., Pres.
137a—Wortman, C. L., B. & B. Mast.
217—Woster, L. E., Supt. Trans. & Equip.
983—Wraith, W., Pres.
927b—Wrampelmeier, F., Asst. Eng. Maint.
207—Wratten, W. F., Gen. For. Loco. Dept.
1906—Wray, E., Sec. & Treas.
751a—Wray, R. W., M. M.
607—Wreath, W. B., Rd. Mast.
316—Wreford, H. F., Sec.
666—Wrenne, E. M., Supt. Trans.
137b—Wrennick, T. J., Asst. Supt.
808—Wrensnall, Jr., J. C., Eng. M. W.
693b—Wright, A. B., Rd. For. Eng.
574—Wright, A. E., Sec., Asst. to Pres. & Supt.
693a—Wright, A. H., Div. Supt.
817—Wright, C. B., Pres.
171—Wright, C. E., Gen. Mgr.
242—Wright, C. E., Aud.
847—Wright, C. E., Trav. Str. Kpr
628a, 628b—Wright, C. L., Gen. Str. Kpr.
695b—Wright, C. R., Dist. Eng.
539, 1860—Wright, C. W., Mast. Carp., Pres.
616—Wright, C. W., Gen. Atty.
751c—Wright, D. R., Supvr.
539—Wright, E., Sec.
600—Wright, E. E., Asst. Supt.
1811—Wright, E. H., Comr.
693a—Wright, E. J., Asst. to Gen. Mgr.
62—Wright, F. C., V.-Pres.
498—Wright, F. F., Trav. Eng.
432—Wright, G. A., Supvr. B. & B.
617a—Wright, G. C., Traf. Mgr.
209—Wright, G. L., Supt. Safety Bur.
1314—Wright, G. S., Asst. to S. M. P. & Gen. Str. Kpr.
204b—Wright, J. A., Div. M. M.
137a, 137b—Wright, J. A., Asst. Forn. Frt. Agt.
413—Wright, J. B., M. M.
851d—Wright, J. B., Pres.
886—Wright, J. F., Gen. Solr.
137g—Wright, J. T., Supvr. Sig.
909—Wright, L. S., Pres.
157—Wright, N. B., Asst. Frt. Traf. Mgr.
751c—Wright, O. C., M. M.
40c—Wright, O. L., Gen. For Car Dept.
927a—Wright, P. A., Asst. Gen. Frt. Agt.
931a—Wright, P. V., Sig. Supvr.
279—Wright, S., Str. Kpr.
696—Wright, S. H., Sig. Supvr.
139b—Wright, W., Div. M. M.
523—Wright, W., Traf. Mgr.
58a—Wright, W. C., Supvr. Rd.
545—Wright, W. F., Pur. Agt.
1619—Wright, W. H., Traf. Mgr
1030a—Wright, W. H., Aud.
1070—Wright, W. H., V.-Pres. & Gen. Mgr.
639b—Wright, W. I., Aud.
629—Wright, W. J., Asst. Aud.
275—Wright, W. J., Str. Kpr.
186—Wright, W. L., Supvr. B. & B.
97—Wright, W. O., G. P. A.
428—Wright, W. T., Supvr. Coal Traf.
137c—Wrixon, J. C., Rd. Mast.
886—Wroton, J. C., Trans. Asst.
575a—Wuerpel, T. W., Traf. Mgr.
204a—Wuerth, H., Asst. Eng.
186—Wurl, A. E. Dist. M. C. B.
307a—Wurtsbaugh, J. P., Gen. Mgr.
307a—Wurtsbaugh, J. T., Pres. & Treas.
453—Wurtsbaugh, M. H., Supt.
791—Wurtz, J. E., M. M.
207—Wyant, L., Sig. Eng.
137g—Wyatt, G. H., Gen. Eng. Hse. For.
306d—Wyatt, H. L., Traf. Mgr.
458a—Wyatt, J. R., Traf. Mgr.
960a—Wyatt, W. W., Supvr. B. & B.
1531a—Wyer, A. C., Traf. Mgr.
195a—Wyley, E., Sig. Supvr.
1800a—Wylie, A., Dir. Accts.
432—Wylie, W. H., Traf. Mgr.
207—Wyllie, G. A., For. Paint Shop.
1026—Wyman, F., Pres.
97—Wyman, G. A., Supt. Shops
521—Wyman, R. L., M. M.
182—Wymer, C. J., Supt. Car Dept.
808—Wynn, E. P., Supvr. Rates & Shops.
927—Wynn, F. S., V.-Pres.
137a—Wynn, J., Car For.
964—Wynn, R., Div. Supt.
629—Wynne, C. L., Scale Insp.
628b—Wynne, R., Joint Trk. Supt.
927a—Wyrick, J. E., Rd. Mast.
751a—Wyrough, H. M., Gen. For.
705—Wysong, F. L., Gen. For.

Y

697—Yachmann, O. E., Elec. For
778—Yaeger, J. P., Gen. Car For.
716—Yager, L., Asst. Ch. Eng.
1259—Yager, W. A., Pres. & Gen. Mgr.
195—Yahn, G. E., Rd. Mast.
244—Yake, H. C., Asst. Treas.
244—Yake, J. W., V.-Pres. & Asst. Treas.
628a, 628b—Yancey, E. F., Med. Dir.
723—Yandell, L. P., Pres.
382—Yander, W., Loco. For.
1822—Yapp, T., Sec.
204a—Yappen, A., Asst. Eng.
462, 881, 941—Yarborough, A. R., Gen. Traf. Mgr., Traf. Mgr
47, 166—Yarborough, C. D., Ch. Tie & Tim. Agt.
47—Yarborough, W. C., Asst. Treas.
395—Yarbough, P. H., Asst. Sig. Supvr.
155a—Yarbrough, T. J., Traf. Mgr.
395—Yard, G. N., Sec. & Treas.
696—Yardley, C. F., Maint. Eng.
988—Yardley, W. J., Traf. Mgr.
200—Yarrell, A. J., Sig. Insp.
1848—Yates, G. W., Asst. Deputy Min.
137, 734a—Yates, J. A., Gen. Treas.
159—Yates, J. J., Brdg. Eng.
394a—Yates, J. P., Gen. For. B. & B.
751c—Yates, R. G., Supvr.
564—Yawkey, C. C., Pres.
428—Yeager, F. W., Sig. Insp.
303—Yeager, H. V., Sec., Treas. & Gen. Mgr.
1237—Yeager, J. B., Traf. Mgr.
137c—Yeager, W. W., Loco. For.
79, 191—Yeamans, C. W., Pur. & Sup. Agt.
487—Yeandle, F. J., M. M.
207—Yeaton, C. S., Rd. For. Equip
204a—Yeaton, F. D., Asst. Eng.
751a—Yeatts, W. S., Asst. to Traf. Mgr.
549—Yent, F. W., For. Paint.
916—Yeomans, G. D., V.-Pres. & Gen. Coun.
329c—Yergens, W. F., Asst. Mech. Supt.
751c—Yergy, H. J., Ch. Car Insp.
751a—Yergy, J. P., Gen. For.
137b—Yerrow, T., Rd. Mast.
705—Yingling, W. J., M. M.
808—Yocum, A. H., Sig. Eng.
693b—Yoder, C., Eng. M. W.
693b—Yoder, C. R., Asst. Gen. Str. Kpr.
808—Yoder, J. H., For. Car Shops
382—Yoerg, H., Supt. M. P.
771—Yohe, C. M., Pur. Agt.
636, 771, 776—Yohe, J. B., V.-Pres., V.-Pres. & Gen. Mgr., V.-Pres.
425—Yohn, A. E., Gen. Mgr. & Pur. Agt.
563—York, F. W., Asst. Treas.
139c—York, G., Rd. Mast.
1702—York, G. W., Supt.
879—York, J. T., Gen. Coun.
751—Yorke, A. C., Asst. G. B. A.
1704—Yorke, G. M., V.-Pres.
696—Yorke, N. R., Ch. Mech. Insp.
1001c—Yorke, T. H., M. M.
597—Yorke, V. W., Chman.
705—Yost, C. P., Rd. Mast.
40a—Yost, R. J., Rd. Mast.
7a—Youman, J. D., Asst. G. F. A.
198—Young, A., M. M.
1480—Young, A. J., Asst. Traf. Mgr.
159—Young, A. R., Asst. Supt.
879c—Young, A. T., V.-Pres., Treas., Gen. Mgr. & Ch Eng
751c—Young, B. B., Asst. to V.-Pres.
195—Young, C. B., Gen. Mech. Eng
883—Young, C. B., Aud.
751, 1850g—Young, C. D., Strs. Mgr., Chman.
729—Young, C. L., Gen. Mgr.
428—Young, C. R., Supt.
137—Young, C. T., Supt. Develop.
201, 205a, 434—Young, D. A., Valua. Eng.
751a—Young, E. C., Supvr.
556—Young, E. M., Supt.
58—Young, E. W., Asst. Gen. Atty

139f—Young, F. A., Rd. Mast.
140—Young, G., Sec.
186—Young, G. F., Gen. For. Car Dept.
599a—Young, G. W., Car Acct.
58b—Young, G.W., Mast. Carp.
432a—Young, H. C., Supvr. Pur. & Sup.
42—Young, H. S., Asst. G. F. A.
1015a—Young, H. V., Sec.
1590a—Young, H. W., Div. Traf. Mgr
751a—Young, Jr., J., M. M.
808—Young, J. B., Eng. Tests.
159—Young, J. D., M. M.
58a—Young, Jr., J. F., Gen. For. Loco. Dept.
886—Young, J. G., Rd. Mast.
737b—Young, L., V.-Pres. & Gen. Mgr.
731c—Young, L. B., Asst. Div. Eng.
1825—Young, L. C., Comr.
547—Young, L. F., Land & Timb. Agt.
195a—Young, N. H., Div Supt. Term.
847—Young, O. L., Supt. Term.
507—Young, R. C., Ch. Eng.
549—Young, R. C., Asst. Eng.
137—Young, R. C. W., Supt. Natural Res.
139—Young, R. N., Supt. Tel.
997a—Young, R. W., Trk. Supvr.
41—Young, S. R., Asst. Ch. Eng.
137c—Young, T., Loco. For.
382—Young, V. E., Trav. Eng.
886—Young, W. A., Rd. Mast.
97—Young, W. H., Aud.
931a—Young, W. W., M. M.
428—Youngblood, M., Supvr. B. & B.
157—Youngblood, S., Gen. For. B. & B.
439—Youngblood, T. A., Asst. Eng
138h—Younger, H. R., Rd. Mast.
864—Yount, H. X., M. M.
693c—Youse, J. F., Asst. G. F. & P. A
860a—Yowell, B. F., Clm. Agt.
860—Yowell, C. E., Gen. Trav. Car For.
670—Y Parra, E. R., Const. Eng.
382—Yseth, H., Dist. Rd. Mast.
506—Yule, J. G., Sec. & Gen. Mgr
507—Yungbluth, A. J., Pur. Agt
439a—Yungbluth, B. J., Pres. & Gen. Mgr.
751a—Yungman, E., Asst. G. P. A
774a—Yute, H. J., R. E. & Frt. Clm. Agt.

Z

159—Zabriskie, A. M., Prin. Asst. Eng.
982b—Zabriskie, C. B., 1 V.-Pres., Gen. Mgr. & Treas.
207—Zahnen, J. F., Sig. Supvr.
195b—Zane, W. F., Asst. Sig. Eng.
428—Zaneis, C. L., Trav. Eng.
1272—Zapoleon, M., Treas.
696—Zavatkay, F. F., Supvr. Wk. Equip.
209—Zea, R. E., For. Rnd. Hse.
1060—Zeeb, G. A., Traf. Mgr.
656—Zehnder, C. H., Pres.
1904—Zehnder, E. M., V.-Pres.
434—Zeider, M. L., M. M.
229—Zeigler, E. H., Div. Supt.
949, 977—Zeigler, W. C., Car Acct., Treas. & Car Acct.
195—Zeleny, F., Eng. Tests.
927—Zengler, C. O., Div. Str. Kpr.
545—Zenor, D., Supvr. B. & B.
176—Zentmyer, C. H., Asst. Div. Eng.
58a—Zepp, A. G., Gen. Supvr. Rd.
58—Zepp, P. P., Asst. Sig. Eng.
58a—Zepp R. E., Supvr. Rd.
670—Zertuche, J., Aud.
413—Ziebold, A., Gen. Insp. Car Dept.
1439—Ziegler, C. E., Traf. Mgr.
1001a—Ziehlke, G. A., Supvr. Sig.
201—Ziemer, H., Gen. For. Car Dept.
198—Ziems, G. F., Car For.
604—Ziers, L. E., Pur. & Clm. Agt
1057e—Ziles, C., Gen. Car. For.
279—Zietz, C., Gen. Boil. For.
927a—Ziglar, J. F., Asst. Eng. Maint.
696—Zimkowski, F., Gen. Car Lgt. Insp.
1913—Zimmer, G. M., V.-Pres.
344—Zimmer, J., Gen. Supt. & Ch. Eng.
439—Zimmerman, A. L., Rd. Mast.
186—Zimmerman, G. H., Asst. Div. Supt. Frt. Term.
808—Zimmerman, G. W., For. Car Shops.
1021—Zimmerman, H., For. Paint.
26a—Zimmerman, J. A., Mgr. & Treas.
1031b—Zimmerman, J. E., Pres.
1021—Zimmerman, J. W., Div. Str. Kpr.
930—Zimmerman, L. C., Asst. G. F. A.
204a—Zimmerman, W., Rd. Mast.
926—Zimmermann, R. Z., V.-Pres. & Gen. Mgr.
207—Zink, E. L., Dist. Str. Kpr.
382—Zinke, J., Mast. Carp.
949—Zinn, R. H., Compt.
58b—Zinsmeister, E. C., Mast. Carp
275—Zippel, G. E., Gen. Bag. & Milk Traf. Agt.
367—Zipperer, W. P., Asst. G. F. A
886—Zittrouer, R. O., Mast. Carp.
382—Zontek, P., Car For.
641—Zook, M. A., Pres.
453a—Zook, J. D., V.-Pres.
751a—Zortman, C. E., Supvr.
549—Zubrod, G. E., R. E. Agt.
58b—Zuerick, J. R., Gen. For. Loco. Dept.
751a—Zullinger, J. E., Supvr.
209—Zunker, F. E., Rd. Mast.
40a—Zwaschka, G. J., Div. Str. Kpr.
716—Zwight, S., Gen. Mech. Sup.

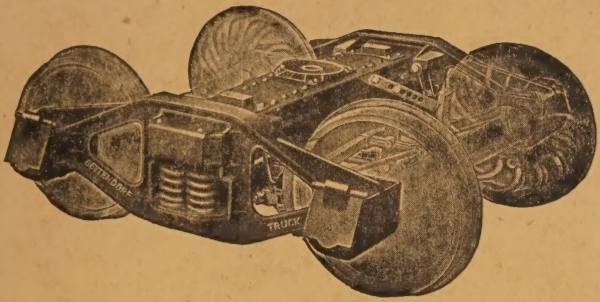
CORRECT
COMPLETE
COMPACT

Another year added to the
PERFORMANCE RECORD OF KERITE

KERITE INSULATED WIRE & CABLE COMPANY

NEW YORK
30 Church Street

CHICAGO
122 So. Michigan Av.



In Modern Engineering Practice, one process has been of vital importance —that is the process of elimination.

This has been illustrated in the Bettendorf one-piece truck which is surviving as the fittest because of the total elimination of all the unnecessary parts which are peculiar to the more ancient trucks.

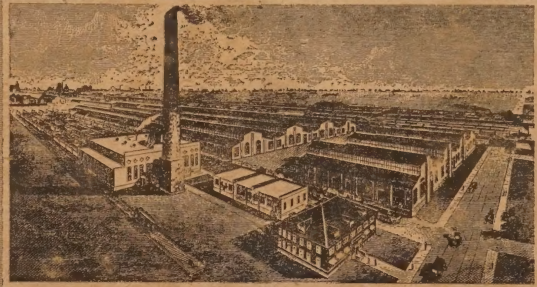
The Bettendorf Company

GENERAL OFFICE AND WORKS

BETTENDORF, IOWA

MANUFACTURERS
OF

FROGS
GUARD RAILS
CROSSINGS
SPLIT SWITCHES
SWITCH STANDS
TAPER RAILS
RAIL BRACES



MANUFACTURERS
OF

STAR STANDS
HUB STANDS
ROLLER RAIL BENDERS
TRANSIT SWITCHES
STROM CLA
MANGA
FROGS AND

PETTIBONE MULLIKEN CO.

725 MARQUETTE BUILDING

CHICAGO

UNIVERSITY OF ILLINOIS-URBANA
3 0112 120142358